FACILITY SYSTEMS

System solutions for offices,
conference and training rooms

It’s electric.

BACH
MANN

Bachmann International

Build on the best connections

Bachmann makes connections. Ensuring that power and data are available right where you need them. In industry, business and the home, in offices and training facilities, on desks and tables at conferences. Bachmann facility and IT systems are flexible enough that you can modify them at any time to suit future power or data management needs. And with Bachmann's up-to-the-minute range of electrical components you can be sure of satisfying even your customers' more unusual electrical and electronics requirements.

One of Bachmann's primary objectives is to deliver innovative products to help our customers achieve long-term success. For this reason we exploit all the possibilities offered by professional engineering and modern process management to develop our standardised and customised systems and products.

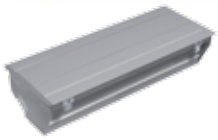
Bachmann facility systems

Plug into a world of possibilities

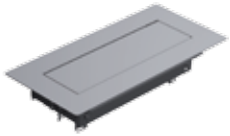
With Bachmann facility systems you can be sure of having access to the best connectors and connections wherever you are in the world. Our systems are configurable with all standard international socket outlets and data connections. Modules can be retrofitted quickly and easily, or even interchanged. In short, when it comes to energy and data management systems that are fit for the future, Bachmann maximises your options.
However, there are two things we insist must feature in each and every product and service we deliver: our high-grade design and our consistent quality.

Desktop connection panels / Fitting in desks

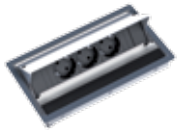
SLIDE 6
Opening and closing by means of a control unit. When the unit is closed, the cut-out in the desk or table is flush with the surface and items can be placed on top of it. Features torque limitation.



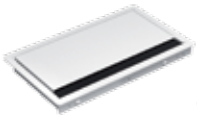
CONFERENCE 8
Practical power and data supply. Recessed in the top of the desk or table when not in use. Simply press down with your thumb to open the unit. Features a spring clip, can be closed once cables have been connected.



TOP FRAME 12
TOP FRAME is the new power and data supply solution for conference facilities.
Thanks to the foldaway cover, power and data can be conveniently accessed from any seat around the conference table.



CONI 18
Unrestricted access to power and data supply from the comfort of a desk or table. Integrated into your desk together with connected cables. The integrated brush insert prevents cables jamming.



CONI COVER 24
Elegant access to separate power supply units under the desk or table. Also ideal for retrofitting. Thanks to the integrated brush insert, can even be closed once the devices have been connected.

POWER FRAME 26
For integrated power and data connections to workstations. Versatile application options. The power strip simply clicks into the built-in frame.

POWER FRAME COVER NEW 30
The worthy new addition to the POWER FRAME. An elegant and attractive aluminium cover that is fully at home in design-oriented conference and office environments.

TWIST NEW 32
Very compact power strip and space-saving cable management. TWIST is so flat that it doesn't impact on anything installed underneath it. red dot product design award winner 2012

ELEVATOR NEW 34
Designed for a standard 79 mm hole diameter, ELEVATOR is the compact power package.
Recessed in the top of the desk or table when not in use; simply touch to raise.

LIFT 36
Practical combination of sophisticated design and high-precision mechanics. Recessed in the top of the desk or table when not in use. Simply touch to raise. For docking on all four sides.

Desktop connection panels / Fitting on desks

DESK 1 40
Ideal wherever workstation flexibility is required. Modular design for individual configuration of communication and power supply connections. Fixed or free-standing installation.

DESK 2 50
The new generation of desk with superior design credentials. The modularity for which Bachmann is renowned ensures adaptability to future requirements.

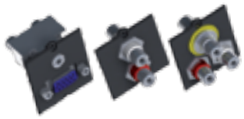
Desktop connection panels / Mounting below desks

STEP 56
For flexible power and data supply at workstations, in partition systems, sill-type trunking, false floors, etc. Consistent modularity means that the possibilities are virtually endless.

Custom modules

CUSTOM MODULE 62
Wherever CUSTOM appears in this catalogue, you can be sure of finding modules which can be interchanged with maximum flexibility. CUSTOM MODULES for data, video and audio connections perfectly adapt Bachmann facility systems to provide a solution that fits individual requirements perfectly.

CUSTOM



Media technology

Media Express 92
Plug & play technology for simplicity and efficiency

Media Switch 100
Flexible and reliable thanks to high-quality components

Media Control 106
Simple control of complex processes in media and facility applications

LanLight®, the smart supply system

LanLight®

LanLight® system overview 116
Modular building installation solution offering flexible supply to office workstations

Basic unit and inserts 120
Connecting plates for power and data

Lift cover 122
Modern floor boxes for dry-cleaned floors

Pillars 123
Mobile pillars for power and data distribution in raised and false floors

Consolidation points

CONSOLIDATION POINTS 124
Underfloor distributors for power and data technology

ACCESSORIES, CABLES & CABLE MANAGEMENT 128

SLIDE

Functionality at the touch of a button

SLIDE is opened and closed again at the touch of a button. When the unit opens, the integrated electronics push the cut-out in the desk or table down and underneath its surface. For unrestricted access to power and data supply modules. When the unit is closed, the cut-out in the desk or table is flush with the surface and items can be placed on top of it, making for a very practical solution.

Electronically controlled torque limitation protects users and cables. There is no risk of fingers or power supply cables getting trapped or crushed. SLIDE is available in various configurations and power strips are easily interchangeable.

SLIDE – the unobtrusive way of making functions available when they are needed.
Simply at the touch of a button.

The benefits at a glance

- Opens and closes at the touch of a button
- Loadable when closed
- Fully integrated into the top of your desk or table
- Torque limitation ensures safety
- Power strip can be interchanged easily

Art. no.	Version
SLIDE housing	**Black**
913.000	· Module for mounting in desk or table systems · Complete kit incl. motion mechanism, control electronics and fixing materials · Incl. built-in frame for 2 power strips (see page 16) · Incl. stainless steel button with 2.0 m control cable and connecting plug to control the SLIDE · Suitable for installation in desk or table tops (thickness must be adapted to 8 mm) · Incl. cut-out drawing for preparation of desk or table top · Dimensions (L x W x H): approx. 725 x 340,5 x 70,3 mm
SLIDE housing illuminated	**Black**
913.005	· Built-in frame for fitting in desk or table systems · Complete kit incl. motion mechanism, control electronics and fixing materials · With 2 blue LED strip lights that light up when open · Incl. built-in frame for 2 power strips (see page 16) · Including stainless steel button with 2.0 m control cable and connector plug to control the SLIDE · Suitable for installation in desk or table tops (thickness must be adapted to 8 mm) · Incl. cut-out drawing for preparation of desk or table top · Dimensions (L x W x H): approx. 725 x 340,5 x 70,3 mm

You will find power strips suitable for Slide, Conference and Top Frame on page 16/17

SLIDE – a user-friendly solution even at installation stage.

All set for quick fitting

The SLIDE module screws onto the underside of your desk or table top. The screw fixtures are designed for tops up to 20 mm thick. If the thickness is more than 20 mm you will need to rout the area around the SLIDE module housing down to 20 mm. The dimensions of the sliding panel in the desk or table top are approx. 302.5 x 236 mm (L x W). The built-in frame for the socket outlets is attached to the SLIDE module using the screws included in the scope of supply. The power strips (short version) can also be attached to this built-in frame and interchanged if required. Please refer to page 16 for power strips.

Sealed cables can also be supplied

The SLIDE module's moving carriage is opened and closed using a pushbutton. The carriage itself has an "elongated slot" so that cables can be routed even when the unit is closed. Customers can choose whether to also include this slot in the desk or table top in the design of the cut-out.

Electronics for safety

As soon as a resistance is felt by the moving "carriage", the electronics will bring it to a halt. This prevents fingers and cables getting trapped, avoiding possible injuries or damage.

CONFERENCE offers individual access to power and data supplies in a most discreet and elegant manner. On conference tables, in training centres and on high-grade workstations.

When not in use, CONFERENCE is hidden in the top of the desk or table. When you need power or data, press with your thumb to release the magnetic catch and the opening flap swings up. Once you have connected your notebook, projector, microphone, etc. the flap can be closed again. The cables are accommodated by the narrow closing flap opposite - nothing gets squashed and the elegant appearance of the desk or table is retained.

CONFERENCE built-in frames can be supplied for both retrofitting and for installing flush with the desk or table top. Where installed under a desk or table, the opening and closing flaps are flush with the desk or table top. As we can supply flaps on request in virtually every coating imaginable and even ready for veneer finishing, CONFERENCE is able to meet the most stringent of requirements in terms of design elegance and configuration harmony.

The configuration of CONFERENCE data connections can be freely selected. Power strips can also be interchanged quickly and at any time, without the need for tools. Maximum functionality and top-end design can therefore be adapted to advancements in communication technology for many years to come.

The benefits at a glance

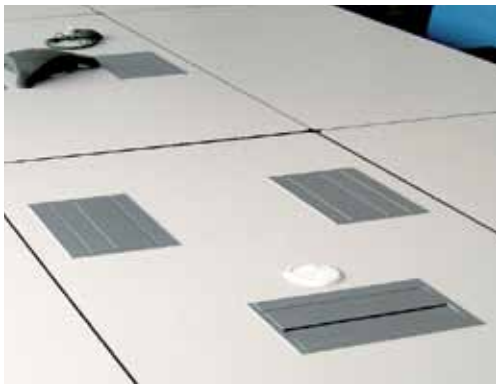
- Integrated into the top of your desk or table
- Simply press with your thumb to open
- Flap can be closed with cables connected
- For retrofitting and flush mounting
- Can be installed flush with the top of the desk or table
- Suitable for veneer finishing
- Configuration can be freely selected (see custom modules from page 62)
- Complete power strip can be quickly interchanged

Simply press with your thumb to open CONFERENCE. Thanks to its flexible closing flap, the unit can even be closed once devices have been plugged in without crushing the cables.

CONFERENCE

Setting a design standard

CONFERENCE – as variable as your requirements.



The dimensions of the cut-out are included in the frame packaging materials, are available by e-mail or can be downloaded from www.bachmann.com

Simple built-in frame fitting

The built-in frame is very easy to install - only standard tools are required. Simply make a rectangular cut-out in the top of your desk or table.

Frameless

Conference under-table mounting frames (frameless) are fitted from the underside of the desk or table top. Thus only the pivoting flaps are visible on the desk or table top. The necessary drawings containing the special details of the table cut-out are supplied with the or can be downloaded from www.bachmann.com. If required, the flaps can be removed from the frame by means of the integrated bayonet catch. You can also custom match the flaps to the finish of your desk or table top by gluing on a suitable veneer (this is not done ex works).

Power strip simply clicks into place

The power strip is not supplied with the built-in frame and must be ordered separately.
It simply clicks into the built-in frame (tools are not required).
Since the power strip can be interchanged at any time, the user is guaranteed long-term flexibility and adaptability to future requirements.

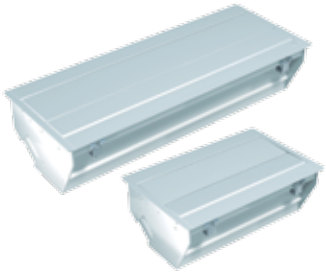
CONFERENCE with frame

· Chamfered side panels, can be flush-mounted on desk or table surface
· Incl. quick-change mechanism for swapping power strips
· Incl. fixing claws and fitting instructions with cut-out dimensions

Art. no.	Version
CONFERENCE built-in frame, long	**Moonstone metallic**
338.0200	· Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, short	**Moonstone metallic**
338.0201	· Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm

CONFERENCE built-in frame, long	**RAL9006,silver-grey**
338.0221	· Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, short	**RAL9006,silver-grey**
338.0219	· Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm

CONFERENCE built-in frame, long	**Chrome effect paint finish**
338.0212	· Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, short	**Chrome effect paint finish**
338.0210	· Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm



CONFERENCE frameless

Art. no.	Version
CONFERENCE built-in frame for below table, long	**RAL9006,silver-grey**
338.0230	· Dimensions (visible surface): approx. 442.5 x 119 mm · Built-in depth: 107 mm
CONFERENCE built-in frame for below table, short	**RAL9006,silver-grey**
338.0231	· Dimensions (visible surface): approx. 261.5 x 119 mm · Built-in depth: 107 mm

You will find power strips suitable for Slide, Conference and Top Frame on page 16/17

TOP FRAME is the new power and data supply solution for conference facilities. Thanks to the foldaway cover, power and data can be conveniently accessed from any seat around the conference table. The balanced geometry of TOP FRAME fits elegantly into the desk or table top, making it possible to finish the surface with a high-quality veneer.

TOP FRAME is also elegantly simple to open:
just press lightly with a finger and it opens and closes again - silently.

With its all-round frame, Top Frame is also suitable for retrofitting. The power strips are of course quick to exchange and can be equipped with Bachmann's flexible custom modules.

TOP FRAME is available in various versions:
EV1 anodised aluminium or powder-coated in RAL 9006. Other surface finishes are available on request. A veneer of up to 0.6 mm can also be glued to the flap without the dimensions of the cut-out having to be changed.

The power strip clips into the installation frame without tools. There is a short version with 4 modules and a long version with 8 modules to suit both TOP FRAME solutions.

The benefits at a glance

- Access to power supply and data from any seat
- Silent opening
- Integrated into the top of your desk or table
- Can be installed flush with the top of the desk or table
- Version with surround frame suitable for retrofitting
- Suitable for veneer finishing
- Configuration can be freely selected
- Complete power strip can be quickly interchanged

TOP FRAME opens silently and can also be conveniently operated from the seat opposite.

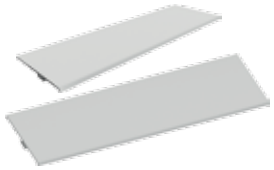
TOP FRAME

Perfect elegance

TOP FRAME frameless

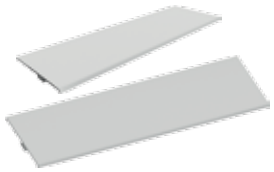
· Includes fixing accessories

Art. no.	Version
TOP FRAME installed under desk	**Black**
Top Frame installed under desk or table without flap, black powder-coated housing	
925.100	· 4-way · Dimensions (L x W x H): approx. 300 x 92 x 98 mm
925.101	· 8-way · Dimensions (L x W x H): approx. 482.5 x 92 x 98 mm



TOP FRAME cover	**Blasted and anodised EV1**
Top Frame cover blasted and anodised, with fixing screws	
925.0044	· 4-way · for mounting on TOP FRAME installed under desk (art. no. 925.100)
925.0034	· 8-way · for mounting on TOP FRAME installed under desk (art. no. 925.101)

TOP FRAME cover	**Blasted and black anodised**
Top Frame cover blasted and black anodised, with fixing screws	
925.0047	· 4-way · for mounting on TOP FRAME installed under desk (art. no. 925.100)
925.0049	· 8-way · for mounting on TOP FRAME installed under desk (art. no. 925.101)



TOP FRAME cover	**Anodised EV1**
Top Frame cover anodised EV1, with fixing screws	
925.0022	· 4-way · for mounting on TOP FRAME installed under desk (art. no. 925.100)
925.0023	· 8-way · for mounting on TOP FRAME installed under desk (art. no. 925.101)

TOP FRAME with frame

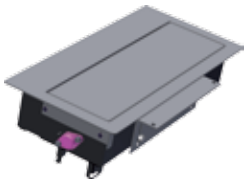
· Includes fixing accessories

Art. no.	Version

TOP FRAME — **RAL 9006**

Asymmetrical surround frame, short - for 4-way power strip

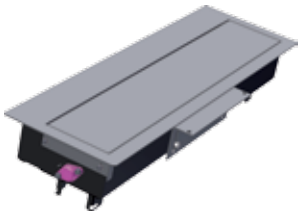
925.500
· Aluminium flap RAL 9006, black powder-coated housing
· Dimensions (L x W x H): approx. 340.5 x 162 x 98,35 mm



TOP FRAME — **RAL 9006**

Asymmetrical surround frame, long - for 8-way power strip

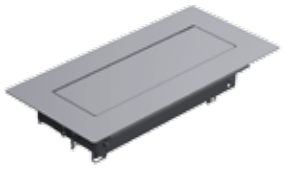
925.501
· Aluminium flap RAL 9006, black powder-coated housing
· Dimensions (L x W x H): approx. 583 x 162 x 110 mm



TOP FRAME — **RAL 9006**

Symmetrical surround frame, short - for 4-way power strip

925.800
· Aluminium flap RAL 9006, black powder-coated housing
· Dimensions (L x W x H): approx. 400.5 x 192 x 98,35 mm



TOP FRAME — **RAL 9006**

Symmetrical surround frame, long - for 8-way power strip

925.801
· Aluminium flap RAL 9006, black powder-coated housing
· Dimensions (L x W x H): approx. 583 x 192 x 98,35 mm

Please refer to the next two pages for power strips appropriate for Slide, Conference and Top Frame

4-way power strips for Slide / Conference / Top Frame

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
CUSTOM	**4-way: 3 x custom modules + power socket outlet** **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.002	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
909.025	· 1 child-proof French / UTE socket outlet, black, set at 35°
909.028*	· 1 Swiss / CH socket outlet, black, set at 0°
909.065*	· 1 Italian / earth contact combination, black, set at 35°

CUSTOM	**4-way: 2 x custom modules + power socket outlets** **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.003	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
909.010	· 2 child-proof French / UTE socket outlets, black, set at 35°
909.017	· 2 Swiss / CH socket outlets, black, set at 0°
909.029*	· 2 Italian / earth contact combination, black, set at 35°

CUSTOM	**4-way: 1 x custom module + power socket outlets** **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.004	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
909.011	· 3 child-proof French / UTE socket outlets, black, set at 35°
909.018	· 4 Swiss / CH socket outlets, black, set at 0°
909.058*	· 3 Italian / earth contact combination, black, set at 35°
909.0023*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°

CUSTOM	**4-way: 4 x custom modules** **Length: approx. 260 mm**
	Anodised aluminium profile; without power connection
909.000	· Without socket outlets

USB CHARGER **CUSTOM**	**4-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power outlet sockets** **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.0056	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger, 1 x custom module
909.0059	· 2 child-proof French / UTE socket outlets, black, set at 35° · 1 x USB double charger, 1 x custom module

8-way power strips for Conference / Top Frame

NEW

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
USB CHARGER **CUSTOM**	**8-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power outlet sockets** **Length: approx. 444 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.0057	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger, 4 x custom modules
909.0060	· 3 child-proof French / UTE socket outlets, black, set at 35° · 1 x USB double charger, 4 x custom modules
909.0058	· 3 UK 3.15 A individually fused, child-proof, black, set at 45° · 1 x USB double charger, 2 x custom modules

* No storage type

8-way power strips for Conference / Top Frame

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
8-way: 6 x custom modules + power socket outlet	**Length: approx. 444 mm** CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.005	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
909.012	· 2 child-proof French / UTE socket outlets, black, set at 35°
909.033*	· 2 Swiss / CH socket outlets, black, set at 0°

8-way: 5 x custom modules + power socket outlet	**Length: approx. 444 mm** CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.006	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
909.013	· 3 child-proof French / UTE socket outlets, black, set at 35°
909.0029*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°

8-way: 4 x custom modules + power socket outlet	**Length: approx. 444 mm** CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.007	· 4 socket outlets with earthing contact, child-proof, black, set at 35°
909.014	· 4 child-proof French / UTE socket outlets, black, set at 35°
909.019*	· 5 Swiss / CH socket outlets, black, set at 0°
909.050*	· 4 Italian / earth contact combination, black, set at 35°
909.0028	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°

8-way: 3 x custom modules + power socket outlet	**Length: approx. 444 mm** CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.008	· 5 socket outlets with earthing contact, child-proof, black, set at 35°
909.015	· 5 child-proof French / UTE socket outlets, black, set at 35°
909.020*	· 6 Swiss / CH socket outlets, black, set at 0°
909.0027*	· 3 UK 3.15 A individually fused, child-proof, black, set at 45°

8-way: 2 x custom modules + power socket outlet	**Length: approx. 444 mm** CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.009	· 6 socket outlets with earthing contact, child-proof, black, set at 35°
909.016	· 6 child-proof French / UTE socket outlets, black, set at 35°
909.0026	· 4 UK 3.15 A individually fused, child-proof, black, set at 45°

8-way: 8 x custom modules	**Length: approx. 444 mm** CUSTOM
Anodised aluminium profile; without power connection	
909.001	· Without socket outlets

CONFERENCE guide rail set

Art. no.	Version
CONFERENCE guide rail set	**Black**
For power strips (pages 6 - 7)	
940.099	· Guide rail, plastic, black · Incl. 2 countersunk head screws 2.9 x 13 mm with torx to DIN 7982

* No storage type

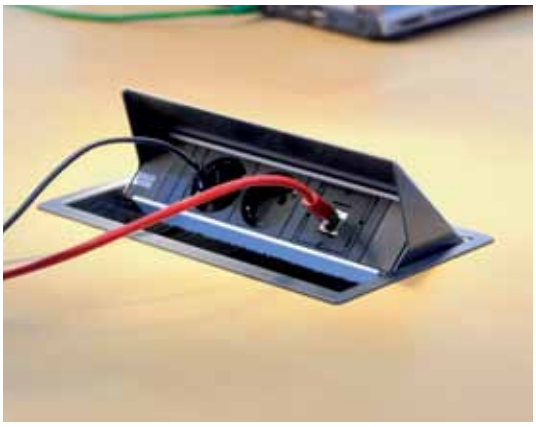
CONI brings flexibility to the desktop, for example in conference and training rooms. CONI facilitates unrestricted individual access to power, media and data supplies from the comfort of a desk or table. Minimal depth also means no restriction on leg movement under the desk or table, even where the units are fitted near the edge. Furthermore, a wide range of standard surface finishes ensure a high level of design freedom.

When not in use, CONI integrates into the surface of the desk or table. Should you need power, data or media, simply open the cover, plug into a socket and close the cover again. The integrated brush insert prevents cables jamming. The harmonic appearance of an "even" table is retained.

The configuration of CONI data connections can be freely selected (see custom modules from page 62). Power strips can also be interchanged quickly and at any time, without the need for tools. Integrated functionality and flexibility not just for today but also for the advancements of tomorrow.

The benefits at a glance

- Integrated into the top of your desk or table
- Minimum built-in depth, robust frame design
- Integrated brush insert for closing once cables have been connected
- Configuration can be freely selected (see custom modules from page 62)
- Complete power strip can be quickly interchanged
- Suitable for retrofitting



CONI provides unrestricted access to power, media and data supplies. Thanks to the integrated brush insert, the cover can be closed once devices have been connected without jamming the cables.

CONI

Integrated functionality

CONI built-in frame, short and long version

Built-in depth is 56 mm, suitable for desk or table top thicknesses of 10 mm and more. The R5 corner radius facilitates flush mounting in desks or tables.

The brush strips can easily be replaced with colour strips; no tools are required. Simply remove the built-in frame from the top of the desk or table and unscrew the 3 re-usable plastic rivets.

CONI mounting frame, short
Outer dimensions: approx. 248 x 151 mm

CONI mounting frame, long
Outer dimensions: approx. 386.5 x 151 mm

Art. no.	Version
	CONI short — **Silver-grey**
338.0203	· Silver-grey similar to RAL9006
	CONI long — **Silver-grey**
338.0205	· Silver-grey similar to RAL9006
	CONI short — **Anthracite**
338.0204	· Anthracite
	CONI long — **Anthracite**
338.0206	· Anthracite
	CONI short — **Chrome-plated**
338.0214	· Chrome-plated
	CONI long — **Chrome-plated**
338.0227	· Chrome-plated
	CONI short — **Satin white**
911.000	· Satin white RAL9010
	CONI long — **Satin white**
911.001	· Satin white RAL9010
	CONI short — **Black**
911.002	· Black RAL9005
	CONI long — **Black**
911.003	· Black RAL9005
	CONI short — **Stainless steel**
911.004	· Ground stainless steel
	CONI long — **Stainless steel**
911.005	· Ground stainless steel

Coni holder

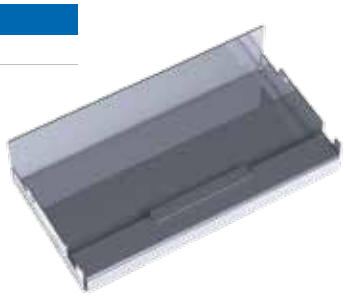
- For mounting CONI power strips without using a built-in frame, can be installed underneath the top of a desk or table in a cable tray, for example. Standard chipboard screws are needed for mounting.
- Takes account of the rear-side outlet and bending radii of power and data connections.

Art. no.	Version
Coni holder, upright	
918.002	· Black · 2 items in plastic bag · Distance between socket outlet profile and floor: 30 mm from floor to top edge · Power strip: 74 mm

CONI Holder

- For optional mounting on CONI mounting frame (short and long version)
- Allows excess lengths of cable to be stowed when plugged in
- Easy to fit by hooking into mounting frame already fitted, using plastic rivets supplied
- Small extra built-in depth of approx. 20 mm in addition to depth of mounting frame

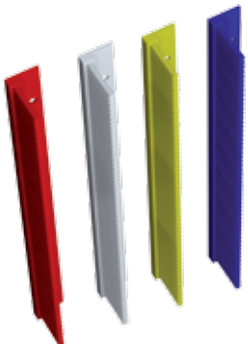
Art. no.	Version
CONI Holder	
911.910	· Version for Coni mounting frame, short
911.913	· Version for Coni mounting frame, long



CONI brushes

Art. no.	Version
CONI brush strip, short	
911.900	· Red
911.901	· Blue
911.902	· White
911.903	· Yellow
911.904	· Black

CONI brush strip, long	
911.905	· Red
911.906	· Blue
911.907	· White
911.908	· Yellow
911.909	· Black



3-way power strips for CONI

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
CUSTOM	**3-way: 2 x custom modules + power socket outlet** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.002	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
912.009	· 1 child-proof French / UTE socket outlet, black, set at 35°
912.016	· 1 Swiss / CH socket outlet, black, set at 0°
912.0055*	· 1 Italian / earth contact combination, black, set at 35°

CUSTOM	**3-way: 1 x custom module + power socket outlets** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.003	· 2 socket outlets with earthing contact, black, set at 35°
912.010	· 2 child-proof French / UTE socket outlets, black, set at 35°
912.015	· 3 Swiss / CH socket outlets, black, set at 0°
912.037*	· 1 socket outlet with earthing contact, black, set at 35°, · 1 Swiss / CH socket outlet, black, set at 0°
912.045*	· 2 UK 3.15 A individually fused, child-proof, black, set at 90°

CUSTOM	**3-way: 1 x custom module + power socket outlets, black and red** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)
912.023*	· 1 socket outlet with earthing contact, black, set at 35° · 1 socket outlet with earthing contact, red, set at 35°

	3-way: 2 x CAT5e + power socket outlets — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
333.1008	· 2 socket outlets with earthing contact, black, set at 35° · 2 CAT5e RJ45, front: Socket / rear: Socket

	3-way: Power socket outlets — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
333.1007	· 3 socket outlets with earthing contact, black, set at 35°

CUSTOM	**3-way: 3 x custom modules** — **Length: approx. 217 mm**
	Anodised aluminium profile; without power connection
912.000	· Without socket outlets

Art. no.	Version
USB CHARGER **CUSTOM**	**3-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power outlet sockets** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.0167	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 1 x USB double charger (5.2 V/2.15 A), 1 x custom module
912.0156	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger (5.2 V/2.15 A)
912.0171	· 1 child-proof French / UTE socket outlet, black, set at 35° · 1 x USB double charger (5.2 V/2.15 A), 1 x custom module

NEW

* No storage type

6-way power strips for CONI

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
6-way: 5 x custom modules + power socket outlet	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
912.004	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
6-way: 4 x custom modules + power socket outlet	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
912.005	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
912.011	· 2 child-proof French / UTE socket outlets, black, set at 35°
912.017	· 3 Swiss / CH socket outlets, black, set at 0°
912.0125*	· 1 UK 3.15 A individually fused, child-proof, black, set at 45°
6-way: 3 x custom modules + power socket outlet	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
912.006	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
912.012	· 3 child-proof French / UTE socket outlets, black, set at 35°
912.018	· 4 Swiss / CH socket outlets, black, set at 0°
912.022*	· 3 UK 3.15 A individually fused, child-proof, black, set at 90°
912.0124*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°
6-way: 2 x custom modules + power socket outlet	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
912.007	· 4 socket outlets with earthing contact, child-proof, black, set at 35°
912.013	· 4 child-proof French / UTE socket outlets, black, set at 35°
912.019	· 5 Swiss / CH socket outlets, black, set at 0°
912.035*	· 1 socket outlet with earthing contact, black, set at 35° · 3 Swiss / CH socket outlets, black, set at 0°
912.0123	· 3 UK 3.15 A individually fused, child-proof, black, set at 45°
6-way: 1 x custom module + power socket outlet	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
912.008	· 5 socket outlets with earthing contact, child-proof, black, set at 35°
912.014	· 5 child-proof French / UTE socket outlets, black, set at 35°
912.021*	· 4 UK 3.15 A individually fused, child-proof, black, set at 90°
912.0122	· 4 UK 3.15 A individually fused, child-proof, black, set at 45°
6-way: 3 x custom modules + power socket outlet, black and red	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)	
912.024	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 2 socket outlets with earthing contact, child-proof, red, set at 35°
6-way: 2 x custom modules + power socket outlet, black and red	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)	
912.025	· 2 socket outlets with earthing contact, black, set at 35° · 2 socket outlets with earthing contact, red, set at 35°
6-way: 6 x custom modules	**Length: approx.356 mm**
Anodised aluminium profile; without power connection	
912.001	Without socket outlets

Art. no.	Version
6-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power outlet sockets	**Length: approx. 356 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
912.0168	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger, 3 x custom modules
912.0169	· 3 child-proof Swiss / CH socket outlets, black, set at 90° · 1 x USB double charger, 3 x custom modules
912.0172	· 2 child-proof French / UTE socket outlets, black, set at 35° · 1 x USB double charger, 3 x custom modules
912.0170	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · 1 x USB double charger, 2 x custom modules

CONI COVER

Easy access

CONI COVER is an elegant way of accessing separate power supply units or standard cable installation systems under the tops of desks and tables. It is ideal, for example, for desks and tables with built-in cable ducts. CONI COVER can of course also be retrofitted to existing equipment.

To access the connections underneath the top of the desk or table, simply open the CONI COVER cover. Thanks to the integrated brush insert, the cover can even be closed again once the devices have been connected. The harmonic appearance of an "even" table is retained.

CONI COVER, the elegant cover for practical solutions - access couldn't be easier!

The benefits at a glance

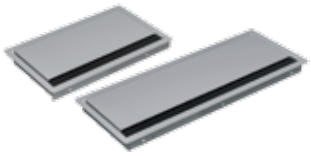
- Compatible for universal use with all types of duct and furniture
- Ideal for subsequent installation
- Integrated brush insert for closing once cables have been connected

CONI COVER built-in frames are available in short and long versions. The R5 corner radius facilitates flush mounting in desks or tables. The built-in depth is approx. 24 mm, suitable for desk or table top thicknesses of 16 mm and more. Fixing to the tabletop is with 4 screws. These are screwed on from the inside through corresponding holes on the long sides of the built-in frame. Fitting instructions and cut-out dimensions are supplied with the unit.

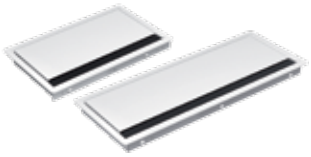
CONI COVER built-in frame, short
Outer dimensions: 248 x 149 mm

CONI COVER built-in frame, long
Outer dimensions: 387 x 149 mm

Art. no.	Version
CONI COVER short	**Silver-grey**
338.0081	· Sheet steel silver-grey RAL9006 (similar)
CONI COVER long	**Silver-grey**
338.0080	· Sheet steel silver-grey RAL9006 (similar)



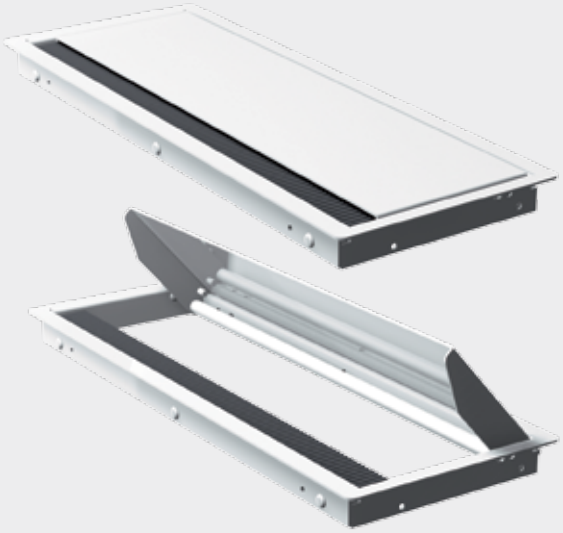
CONI COVER short	**Satin white**
911.500	· Satin white RAL9010
CONI COVER long	**Satin white**
911.501	· Satin white RAL9010



CONI COVER short	**Black**
911.502	· Black RAL9005
CONI COVER long	**Black**
911.503	· Black RAL9005

CONI COVER and STEP
The expandable combination.

The modular design of the STEP power strips puts everything you need for your specific, customised supply of power and data at your fingertips. CONI COVER with its integrated brush insert provide access that is both fast and elegant.
STEP can be found from page 56.



Easy access to all power supply units located underneath the top of the desk or table. For example to modular STEP power strips.

STEP can be found on page 56

POWER FRAME is the compact solution for integrated and easily accessible power and data connections for workstations.
They can either be installed as new or supplied as equipment for retrofitting.

Combining compact dimensions with high-quality timeless design, POWER FRAME opens up virtually unlimited application options that go far beyond the realm of office workstations. Such as in sales showrooms and display windows and at trade fair and demonstration stands,
in short, wherever secure and rapid connections are the order of the day.

Furthermore, the selected power strip simply plugs into the built-in frame from below without the need for any tools - do things get any better than this?
POWER FRAME - for a more compact and more efficient solution.

The benefits at a glance

- Compact dimensions
- Suitable for retrofitting
- Timeless design
- Versatile in application
- Rapid installation of complete power strips

POWER FRAME is the solution for easy-to-access power and data connections at workstations and elsewhere.
The power strip is simply clicked into the built-in frame from below.

POWER FRAME

Compact and efficient

POWER FRAME –
the practical unit for rapid installation.

POWER FRAME is an easily accessible unit for supplying electricity to workstations. The power strip clicks into the built-in frame and can be interchanged if necessary or fitted with custom modules.

Built-in frame for desk/table top thicknesses:	as of 10 mm
Built-in depth (of the frame):	approx. 36 mm
Corner radius for flush mounting:	R5
Total built-in depth (including cables):	approx. 70 mm

The power and data connection sockets are located on the rear of the power strip.

Built-in frame

Art. no.	Version
POWER FRAME built-in frame 3-way	**Outer dimensions: approx. 241 x 73 mm**
317.000	· Silver-grey similar to RAL 9006
317.001	· Stainless steel
915.000	· Black RAL 9005
915.001	· White RAL 9010

Art. no.	Version
POWER FRAME built-in frame 4-way	**Length: approx. 283.5 x 73 mm**
317.006	· Silver-grey similar to RAL 9006
915.004	· Black RAL 9005

Plastic power strips, 3-way

Art. no.	Version
CUSTOM **3-way: 2 x custom modules + power socket outlet**	**Length: approx. 220 mm**
Plastic profile; power input: 0.1 m cable and GST18i3 plug	
916.061	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
916.063	· 1 child-proof French / UTE socket outlet, black, set at 35°

CUSTOM **3-way: 1 x custom module + power socket outlet**	**Length: approx. 220 mm**
Plastic profile; power input: 0.1 m cable and GST18i3 plug	
916.060	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
916.062	· 2 child-proof French / UTE socket outlets, black, set at 35°

CUSTOM **3-way: Power socket outlets**	**Length: approx. 220 mm**
Plastic profile; power input: 0.1 m cable and GST18i3 plug	
317.117	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
916.059	· 3 child-proof French / UTE socket outlets, black, set at 35°

Aluminium power strips, 3-way

Art. no.	Version

3-way: 2 x custom modules + power socket outlets — **Length: approx. 220 mm** — CUSTOM

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

916.001	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
916.003	· 1 child-proof French / UTE socket outlet, black, set at 35°
916.005*	· 1 Swiss / CH socket outlet, black, set at 0°

3-way: 1 x custom module + power socket outlets — **Length: approx. 220 mm** — CUSTOM

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

916.000	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
916.002	· 2 child-proof French / UTE socket outlets, black, set at 35°
916.004*	· 3 Swiss / CH socket outlets, black, set at 0°
916.082	· 2 UK 3.15 A individually fused, child-proof, black, set at 90°

3-way: 2 x CAT5e + power socket outlets — **Length: approx. 220 mm**

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

317.101	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · 2 CAT5e RJ45, front: Socket / rear: Socket

3-way: Power socket outlets — **Length: approx. 220 mm**

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

317.100	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
317.102	· 3 child-proof French / UTE socket outlet, black, set at 35°
916.1129	· 3 UK 3.15 A individually fused, child-proof, black, set at 90°

3-way: 3 x custom modules — **Length: approx. 220 mm** — CUSTOM

Anodised aluminium profile; without power connection

916.010	· Pure custom modules variant

3-way: 1 x USB double charger (5.2 V/2.15 A) + 1 x custom module + power outlet sockets — **Length: approx. 220 mm** — CUSTOM — USB CHARG

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

916.0039	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
916.0042	· 1 child-proof French / UTE socket outlet, black, set at 35°

3-way: 1 x USB double charger (5.2 V/2.15 A) + power outlet sockets — **Length: approx. 220 mm** — CUSTOM — USB CHARGER

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

916.0040	· 2 socket outlets with earthing contact, child-proof, black, set at 35°

Power strips, 4-way

NEW

Art. no.	Version

4-way: 1 x USB double charger (5.2 V/2.15 A) + 2 x custom modules + power outlet sockets — **Length: approx. 261.9 mm** — CUSTOM — USB CHARGER

Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug

916.0041*	· 1 socket outlet with earthing contact, child-proof, black, set at 35°

4-way: 2 x custom modules + power socket outlets — **Length: approx. 261.9 mm** — CUSTOM

Black plastic; power input: 0.1 m cable and GST18i3 plug

916.0601	· 2 socket outlets with earthing contact, child-proof, black, set at 35°

4-way: 3 x custom modules + power socket outlets — **Length: approx. 261.9 mm** — CUSTOM

Black plastic; power input: 0.1 m cable and GST18i3 plug

916.0611	· 1 socket outlet with earthing contact, child-proof, black, set at 35°

* No storage type

POWER FRAME COVER

Finally power found elegance

POWER FRAME COVER is the next logical step from the compact POWER FRAME. An elegant and attractive aluminium cover, designed especially for design-oriented conference and office settings. Power and data connections are protected from dust and dirt as an added bonus.

The benefits at a glance

- Designer piece made from anodised aluminium
- For conference tables and desks
- Access to power supply and data from any seat
- Dust protection
- Versatile options for combining with socket outlets and data/audio/video modules

NEW

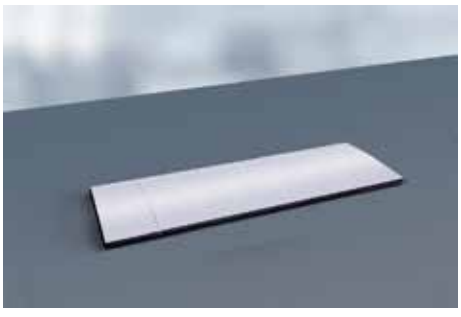
POWER FRAME COVER

Art. no.	Version
POWER FRAME COVER 3-way	**Dimensions: approx. 255 x 87 x 8 mm**
3-way Power Frame black (art. 915.000), with aluminium flap, for gluing into desk or table	
915.500	· Aluminium
915.503	· Aluminium, painted in white RAL 9010
915.501	· Aluminium, painted in stainless steel

POWER FRAME COVER 4-way	**Dimensions: approx. 298 x 87 x 8 mm**
4-way Power Frame black (art. 915.004), with aluminium flap, for gluing into desk or table	
915.502	· Aluminium

In combination with the POWER FRAME COVER, only power strips with custom modules which terminate flush with the surface can be used.

You will find suitable power strips on the previous pages.



reddot design award
winner 2012

TWIST

Power outside the box

TWIST is a power strip for the office, lounge and kitchen. Its compact design and low built-in depth allow it to be integrated in desks or kitchen work surfaces without taking up too much space. The power cable is kept close to the housing, making the built-in depth just around 40 mm - it can therefore be easily fitted above drawers.
The stainless steel or chrome look enables TWIST to blend seamlessly into both modern and organic design and colour concepts. The catch is really clever: after use, the cover is rotated and the socket outlets disappear under it.
TWIST won the Red Dot Product Design Award 2012.

The benefits at a glance

- Very low built-in depth (approx. 40 mm)
- Compact design (Hxdia.: approx. 42.5 x 115 mm)
- Space-saving cable routing
- Quick and easy to assemble
- Stainless steel or chrome matt
- Red Dot Product Design Award Winner 2012

NEW

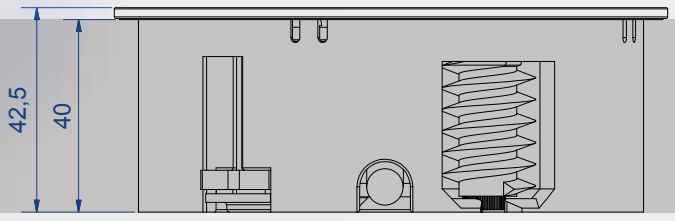
TWIST

Art. no.	Version
TWIST 2S	
Metallic covering plate with stainless steel look; power input: 2.0 m cable with end sleeves and enclosed earthing contact mounting plug, black	
931.000	· 2 x socket outlets with earthing contact, child-proof, black · Built-in diameter 105 mm, built-in depth 40 mm · For desk or table top thicknesses of 20 mm or more
TWIST 1S 2P	
Metallic covering plate, chrome matt; power input: 0.2 m with GST18i3 plug	
931.001	· 1 x socket outlet with earthing contact, child-proof, black · 2 x Keystone fittings for data sockets · Built-in diameter 105 mm, built-in depth 40 mm · For desk or table top thicknesses of 20 mm or more
Hole saw diameter 105 mm	
For installing TWIST	
931.900	· In wood / plastic · Cutting depth up to 60 mm
Mounting tool for hole saw 931.900	
918.900	· With centre drill

Photo shows similar product

TWIST is so compact that it can even be fitted above drawers.

With a total height of 42.5 mm, TWIST is so compact that it can be fitted on virtually all surfaces. Even underlying drawers don't present a problem. And thanks to the flexible cable outlet, the cable fits into a milled groove.



40 mm is all the space TWIST needs.

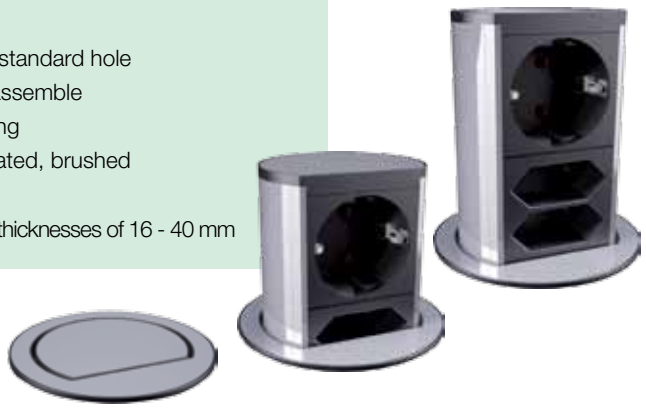
ELEVATOR

Introducing power in the elevator

ELEVATOR fits in perfectly in any work environment. With a 79 mm diameter, ELEVATOR is ideally suited to integrating power and data connections in tight spaces.
Apply thumb pressure to raise and lower ELEVATOR. ELEVATOR is available in two versions: with three socket outlets or with one socket outlet and two data connections.
Installation is incredibly easy. ELEVATOR is placed in a cut-out 79 mm in diameter and secured to the top of the desk or table from below using a lock ring.

The benefits at a glance

- Apply thumb pressure to raise
- 2 configurations
- Suitable for 79 mm standard hole
- Quick and easy to assemble
- Suitable for retrofitting
- Aluminium nickel-plated, brushed
- Classic design
- For desk or table top thicknesses of 16 - 40 mm



NEW

ELEVATOR

Art. no.	Version
ELEVATOR power strip	
Aluminium profile with stainless steel look; kitchen variant Power input: 2.0 m H05VV-F 3G 1.5 mm² with end sleeves and enclosed earthing contact mounting plug	
928.003	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 2 x Euro socket outlets, child-proof, black
Aluminium profile E0EV01 anodised; office variant Power input: 0.3 m H05VV-F3G 1.5 mm² with GST18 plug; data cables 3.0 m and plug	
928.004	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 2 CAT5e RJ45 with 3.0 m data cable and RJ45 plug
928.005	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 1 USB A socket with 3.0 m data cable and plug · 1 CAT5e RJ45 with 3.0 m data cable and RJ45 plug
928.006	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 1 HDMI socket with 3.0 m data cable and plug · 1 CAT5e RJ45 with 3.0 m data cable and plug

Art. no.	Version
Hole saw diameter **79 mm**	
For installing ELEVATOR	
928.900	· In wood / plastic · Cutting depth up to 60 mm
Mounting tool for hole saw	
918.900	· With centre drill

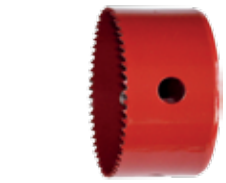
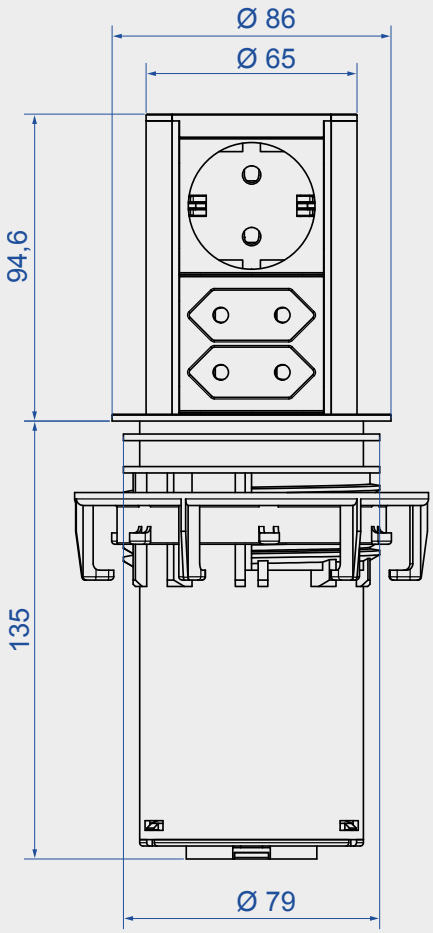


Photo shows similar product



Dimensions in mm

ELEVATOR fits into

hole cut-outs with a 79 mm diameter

100 mm high, 79 mm in diameter: With 3 sockets, ELEVATOR really pulls its punch in tight spaces. ELEVATOR opens autonomously with thumb pressure. After use, it is lowered again.

LIFT is the totally practical combination of sophisticated looks and high-precision mechanical design. The unit is recessed neatly in the top of the desk or table when not in use. Simply touch to raise out of the desk or table ready for docking on all four sides. Once you have finished using the LIFT unit, simply push it back into its initial recessed position by hand.

LIFT can be supplied in a variety of power and data connection configurations. This highly compact unit needs a drill hole only 140 mm in diameter for installation. Built-in depth both open and closed is just 195 mm.

By setting cutting-edge technology in motion, LIFT makes power and data supply a truly enjoyable experience.

The benefits at a glance

- Simply touch to raise
- Attractive looks all round
- Access points on four sides
- Incredibly compact dimensions
- Low built-in depth
- 4 plug-in units on 1 height unit

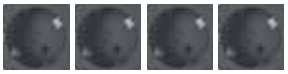
Simply touch to raise and lower LIFT. The unit has connection points on four sides and can be supplied in a variety of power and data connection configurations.

LIFT

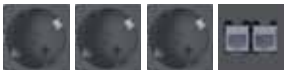
High-tech in motion

Enclosure colour BLACK

Art. no.	Version
LIFT: Power outlet sockets	
Enclosure colour black; power input: 0.5 m cable and GST18i3 plug	
904.000	· 4 socket outlets with earthing contact, child-proof, black, set at 35°
904.004	· 4 child-proof French / UTE socket outlets, black, set at 35°
904.024*	· 4 Swiss / CH socket outlets, black, set at 0°
904.020*	· 4 UK 3.15 A individually fused, child-proof, black, set at 90°



LIFT: 2 x CAT6 + power outlet sockets	
Enclosure colour black; power input: 3.0 m cable and plug; 3.0 m data cable and RJ45 plug	
904.001	· 3 socket outlet with earthing contact, child-proof, black, set at 35°
904.005	· 3 child-proof French / UTE socket outlets, black, set at 35°
904.025*	· 3 Swiss / CH socket outlets, black, set at 0°
904.021*	· 3 UK 3.15 A individually fused, child-proof, black, set at 90°

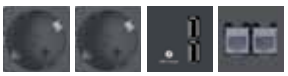


LIFT: 2 x CAT6, 1 x VGA + mini stereo jack + power outlet sockets	
Enclosure colour black; power input: 3.0 m cable and plug; CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and mini stereo jack with 3.0 m cable and plug;	
904.002	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
904.006	· 2 child-proof French / UTE socket outlet, black, set at 35°
904.026*	· 2 Swiss / CH socket outlets, black, set at 0°
904.022*	· 2 UK 3.15 A individually fused, child-proof, black, set at 90°

LIFT: 2 x CAT6, 2 x USB + power outlet sockets	
Enclosure colour black; power input: 3.0 m cable and plug; CAT6 3.0 m data cable and RJ45 plug; USB A socket with 3.0 m cable and plug;	
904.003	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
904.007	· 2 child-proof French / UTE socket outlet, black, set at 35°
904.027*	· 2 Swiss / CH socket outlets, black, set at 0°
904.023*	· 2 UK 3.15 A individually fused, child-proof, black, set at 90°

LIFT: 2 x CAT 6, 1 x VGA + mini stereo jack, 1 x HDMI, power outlet socket	
Enclosure colour black; power input: 3.0 m cable and plug	
904.045	· CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and mini stereo jack with 3.0 m cable and plug · 1 x socket outlet with earthing contact, child-proof, black, set at 35°, with 3.0 m cable and plug · 2 CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x VGA+mini stereo jack with 3.0 m cable each · 1 x HDMI with plug

USB CHARGER **LIFT: 1 x USB double charger (5.2 V/2.15 A), 2 x CAT6 + power outlet sockets**	
Enclosure colour black; power input: 3.0 m cable and plug; 3.0 m data cable and RJ45 plug	
904.0001*	· 2 x socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger · 2 x CAT6 RJ45 socket



* No storage type

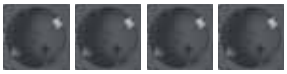
Enclosure colour SILVER

Art. no.	Version

LIFT: Power outlet sockets

Enclosure colour silver; power input: 0.5 m cable and GST18i3 plug

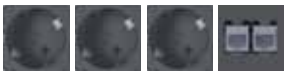
904.008	· 4 socket outlets with earthing contact, child-proof, black, set at 35°



LIFT: 2 x CAT6 + power outlet sockets

Enclosure colour black; power input: 3.0 m cable and plug; 3.0 m data cable and RJ45 plug

904.009	· 3 socket outlets with earthing contact, child-proof, black, set at 35°



LIFT: 2 x CAT6, 1 x VGA + mini stereo jack + power outlet sockets

Enclosure colour black; power input: 3.0 m cable and plug;
CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and mini stereo jack with 3.0 m cable and plug

904.010	· 2 socket outlets with earthing contact, child-proof, black, set at 35°

LIFT: 2 x CAT6, 2 x USB +power outlet sockets

Enclosure colour black; power input: 3.0 m cable and plug;
CAT6 3.0 m data cable and RJ45 plug; USB A socket with 3.0 m cable and plug

904.011	· 2 socket outlets with earthing contact, child-proof, black, set at 35°

Hole saw **diameter 140 mm**

For installing LIFT

904.900	· Hole saw for clamping, with centre drill · Diameter 140 mm

Photo shows similar product

DESK is the ideal solution for data, media and power management wherever workstations need to be flexible. Typical situations might include meeting rooms, home offices or desk sharing environments.

DESK's modular design means that it can be supplied ex works precisely configured with the communication and power supply connections required for the workstation and application at and in which the products are to be used. Thus for power connections there is a free choice of either the flexible Wieland system or permanent connections. The data connections are fitted with adapters as standard, but can likewise also be fixed connections.

When it comes to positioning the DESK units, again versatility is the key. They are fixed to the desk/table top by mounting brackets or screws or can be free-standing, as best suits the application and good style.

The benefits at a glance

- Flexibility of use regardless of location
- With Wieland connector system or fixed connection cables
- Fixed or free-standing on desk/table
- Custom versions adapt to future requirements

DESK's modular design means that it can be supplied ex works precisely configured with the required communication and power supply connections. DESK can be fixed to a table or desk top or be free-standing.

DESK 1

Versatility with style

DESK 1 – every possibility at your fingertips.

Plug connections as standard

The standard power connection features a Wieland plug-in connector in the rear panel and provides both reliable power feed and also flexibility in cable length. The cables can be swapped for longer or shorter power supply cables, for example. We use Wieland's GST18 connector, which is popular all over the world, as standard. This plug connection has a catch mechanism which complies with the relevant standards and can be released again if required. The contacts on the plug connection are safe to touch.
A power output socket provides a means of forwarding power to the next module.

Mounting without damage

DESK 1 can be mounted on the edge of a desk or table quickly and easily using a mounting bracket. A size 4 Allen key is required in order to tighten the inside screw on the bracket. Mounting does not damage the tabletop/desktop. You will find a range of mounting brackets and units on page 47.

DESK 1 plus STEP in combination

Combining DESK 1 with a STEP power strip provides the ideal overall solution for an individual office workstation. DESK 1 provides easy access to power and data connections for various devices (laptop, mobile phone, USB etc.) whilst the STEP power strip under the desk/table top supplies power to fixed devices such as PC, monitor, printer etc. The STEP power strip is screwed in place underneath the top of the desk or table or placed in a duct underneath.
The integrated Wieland connector system enables multiple power strips to be connected in series in compliance with standards.

DESK 1 – Product matrix

You will find a detailed product description on the following pages.

DESK 1	Country ID	Socket inserts	Empty spaces for cus-tom modules	USB charger	Illuminated switch	CAT5e RJ45 Socket/socket	VGA+3.5 mm mini stereo jack	USB 3.0 A/A socket	Incl. mounting bracket	Incl. supply cable	Child-proof	Length in mm
902.0182	EN	2	1	yes	-	-	-	-	-	-	yes	281.3
902.011	EN	2	2	-	-	-	-	-	-	-	yes	322.5
902.0183*	EN	2	2	yes	-	-	-	-	-	-	yes	323.8
902.0048	EN	3	-	-	-	-	-	-	-	-	yes	270.0
339.1002	EN	3	-	-	-	-	-	-	yes	-	yes	225.0
902.0050	EN	3	-	-	yes	-	-	-	-	-	yes	313.0
339.1001	EN	3	-	-	yes	-	-	-	yes	yes	yes	268.0
339.1004	EN	3	-	-	-	2	-	-	yes	-	yes	280.0
339.1005	EN	3	-	-	-	2	1	-	yes	-	yes	325.0
339.1006	EN	3	-	-	-	2	-	1	yes	-	yes	325.0
902.000	EN	3	1	-	-	-	-	-	-	-	yes	322.5
902.017	EN	3	1	-	yes	-	-	-	-	-	yes	365.0
902.001	EN	3	2	-	-	-	-	-	-	-	yes	365.0
902.018	EN	3	2	-	yes	-	-	-	-	-	yes	408.0
902.012	EN	1/2	2	-	-	-	-	-	-	-	yes	385.0
902.002	EN	3	3	-	-	-	-	-	-	-	yes	366.3
902.019	EN	3	3	-	yes	-	-	-	-	-	yes	450.0
902.003	EN	3	4	-	-	-	-	-	-	-	yes	450.0
902.0049	EN	4	-	-	-	-	-	-	-	-	yes	313.0
339.1000	EN	4	-	-	-	-	-	-	yes	yes	yes	268.0
902.0185	UTE	2	1	yes	-	-	-	-	-	-	yes	281.3
902.004	UTE	3	1	-	-	-	-	-	-	-	yes	323.0
902.005	UTE	3	2	-	-	-	-	-	-	-	yes	365.0
902.006	UTE	3	3	-	-	-	-	-	-	-	yes	366.3
902.007	UTE	3	4	-	-	-	-	-	-	-	yes	450.0
902.0161	CH	2	2	yes	-	-	-	-	-	-	-	323.8
902.008	CH	3	1	-	-	-	-	-	-	-	-	258.0
902.009	CH	3	2	-	-	-	-	-	-	-	-	301.0
902.010	CH	3	3	-	-	-	-	-	-	-	-	258.0
902.0184	UK	2	1	yes	-	-	-	-	-	-	yes	300.7
902.024	UK	2	2	-	-	-	-	-	-	-	yes	346.3
902.039	UK	3	2	-	-	-	-	-	-	-	yes	309.0

DESK 1 power strips

Max. 16 A / 230 V~ See glossary for country-specific information

Power cables and mounting brackets are available separately

Art. no.	Version
Power outlet sockets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0048	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 270 mm
Power outlet sockets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0049	· 4 socket outlets with earthing contact, child-proof, black, set at 35°, length 313 mm
902.0050	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 switch 2-pole illuminated · Length 313 mm

DESK 1 power strips

Max. 16 A / 230 V~ See glossary for country-specific information

with spaces for custom modules

Power cables, custom modules and mounting brackets are available separately

Art. no.	Version
CUSTOM **1 x custom module + power outlet sockets**	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.000	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 322.5 mm
902.017	· 3 socket outlet with earthing contact, child-proof, black, set at 35° · 1 switch 2-pole illuminated, length 365 mm
902.004	· 3 child-proof French / UTE socket outlets, black, set at 35°, length 322.5 mm
902.008	· 3 Swiss / CH socket outlets, black, set at 0°, length 258 mm

CUSTOM **2 x custom modules + power outlet sockets**	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.001	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 365 mm
902.011	· 2 socket outlets with earthing contact, child-proof, black, set at 35°, length 322.5 mm
902.018	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 407.5 mm · 1 switch 2-pole illuminated
902.005	· 3 child-proof French / UTE socket outlets, black, set at 35°, length 365 mm
902.009	· 3 Swiss / CH socket outlets, black, set at 0°, length 300.5 mm
902.039*	· 3 UK 3.15 A individually fused, child-proof, black, set at 90°, length 309 mm
902.024	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°, length 346.3 mm

CUSTOM **3 x custom modules + power outlet sockets**	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.002	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 366.3 mm
902.019	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 switch 2-pole illuminated, length 450 mm
902.006	· 3 child-proof French / UTE socket outlets, black, set at 35°, length 366.3 mm
902.010	· 3 Swiss / CH socket outlets, black, set at 0°, length 257.5 mm

You can find suitable Wieland cables on page 131

* No storage type

DESK 1 power strips

Max. 16 A / 230 V~ See glossary for country-specific information

with spaces for custom modules

Power cables, custom modules and mounting brackets are available separately

Art. no.	Version
	4 x custom modules + power outlet sockets CUSTOM
	Anodised aluminium profile; power input: GST18 / power output: GST18
902.003	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 450 mm
902.007	· 3 child-proof French / UTE socket outlets, black, set at 35°, length 450 mm

	2 x custom modules + power outlet sockets CUSTOM
	Anodised aluminium profile; power input: 2 x GST18 (black and red)
902.012	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 2 socket outlets with earthing contact, child-proof, red, set at 35°, length 385 mm

	1 x custom module + power socket outlet + illuminated switch CUSTOM
	Anodised aluminium profile; power input: GST18 / power output: GST18
902.017	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x illuminated switch; length 365 mm

	2 x custom modules + power socket outlets + illuminated switch CUSTOM
	Anodised aluminium profile; power input: GST18 / power output: GST18
902.018	· 3 socket outlet with earthing contact, child-proof, black, set at 35° · 1 x illuminated switch; length 407.5 mm

	3 x custom modules + power socket outlets + illuminated switch CUSTOM
	Anodised aluminium profile; power input: GST18 / power output: GST18
902.019	· 3 socket outlet with earthing contact, child-proof, black, set at 35° · 1 x illuminated switch; length 450 mm

Art. no.	Version
	DESK 1 with 1 x USB double charger (5.2 V/2.15 A), 1 x custom module + power outlet sockets CUSTOM USB CHARGER
	Anodised aluminium profile; power input: GST18/ power output: GST18
902.0182	· 2 socket outlets with earthing contact, child-proof, black, set at 35°, length 281.3 mm
902.0185	· 2 child-proof French / UTE socket outlets, black, set at 35°, length 281.3 mm
902.0184	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°, length 300.7 mm

	DESK 1 with 1 x USB double charger (5.2 V/2.15 A), 2 x custom module + power outlet sockets CUSTOM USB CHARGER
	Anodised aluminium profile; power input: GST18/ power output: GST18
902.0183*	· 2 socket outlets with earthing contact, child-proof, black, set at 35°, length 323.8 mm
902.0161	· 2 Swiss / CH socket outlets, black, set at 90°

You can find suitable Wieland cables on page 131

* No storage type

Max. 16 A / 230 V~

See glossary for country-specific information

- Anodised aluminium profile, socket outlets, black
- Incl. standard mounting bracket and screws

Art. no.	Version

DESK 1 3 x earthing contact, GST18 — **Length: approx. 280 mm**

2 x CAT5e

339.1004
- 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 2 x CAT5e RJ45, front: Socket / rear: Socket
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 3 x earthing contact, GST18 — **Length: approx. 325 mm**

2 x CAT5e, 1 x VGA

339.1005
- 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 2 x CAT5e RJ45, front: Socket / rear: Socket
- 1 x VGA 15-pole + mini stereo jack 3.5 mm
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 3 x earthing contact, GST18 — **Length: approx. 325 mm**

2 x CAT5e, 1 x USB

339.1006
- 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 2 x CAT5e RJ45, front: Socket / rear: Socket
- 1 x USB A/A socket
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 3 x earthing contact, GST18 — **Length: approx. 225 mm**

339.1002
- 3 socket outlets with earthing contact, child-proof, black, set at 35°
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 4 x earthing contact — **Length: approx. 268 mm**

Fixed connection

339.1000
- 4 socket outlets with earthing contact, child-proof, black, set at 35°
- Power input: 3.0 m, H05VV-F 3G 1.50 mm² black, with right angle plug with earthing contact
- Incl. standard mounting bracket and screws

DESK 1 3 x earthing contact — **Length: approx. 268 mm**

Fixed connection, 1 x switch

339.1001
- 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 1 x switch 2-pole, green illuminated
- Power input: 3.0 m, H05VV-F 3G 1.50 mm² black, with right angle plug with earthing contact
- Incl. standard mounting bracket and screws

* No storage type

Desk 1 accessories

Art. no.	Version
DESK 1 slimline mounting bracket	**for desk/table top thicknesses up to 50 mm**
918.001	· Stainless steel, material thickness 3 mm · Contents: 2 stainless steel mounting brackets + 2 M5 x 45 mm Allen keys
DESK 1 standard mounting bracket	**for desk/table top thicknesses up to 50 mm**
930.120	· Anodised aluminium, material thickness approx. 9 mm · Contents: - 2 x mounting clamp aluminium profile anodised - 2 x M5 x 60 mm Allen keys
DESK 1 long mounting bracket	**for desk/table top thicknesses up to 80 mm**
930.180	· Long mounting bracket 50–80 mm · Contents: - 2 x mounting clamp black paint finish RAL9011 - 2 x M5 x 45 mm Allen keys - 2 x M5 x 60 mm Allen keys
Spax screws for DESK end caps	**for desk/table top thicknesses as of 15 mm**
930.183	· 2 x Spax screws 4 x 90 mm incl. brass threaded sleeve
DESK 1 mounting plate	
930.182	· Plastic, black · Mounting plates for attachment to DESK end caps · Contents: - 2 x mounting plates - 2 x screws - 2 x TESA POWER STRIP

Automatic switchoff

Switch off and save power

The Bachmann automatic switchoff unit allows efficient savings in power consumption without major wiring outlay during times when equipment is not in use in today's office landscapes.
The complete switching-off of equipment is no longer left to chance; now power is saved as soon as the workstation PC is shut down.
The effectiveness of this system exceeds the savings possible with master-and-slave power strips, since practically **no standby current is drawn by the master device** and power consumption during non-use hours is exactly zero.

The benefits at a glance

- Complete switchoff
- No standby current is drawn by the master device
- No electricity - no fire risk
- Potential energy saving of up to € 70 per year and workstation
- Improves the CO_2 footprint

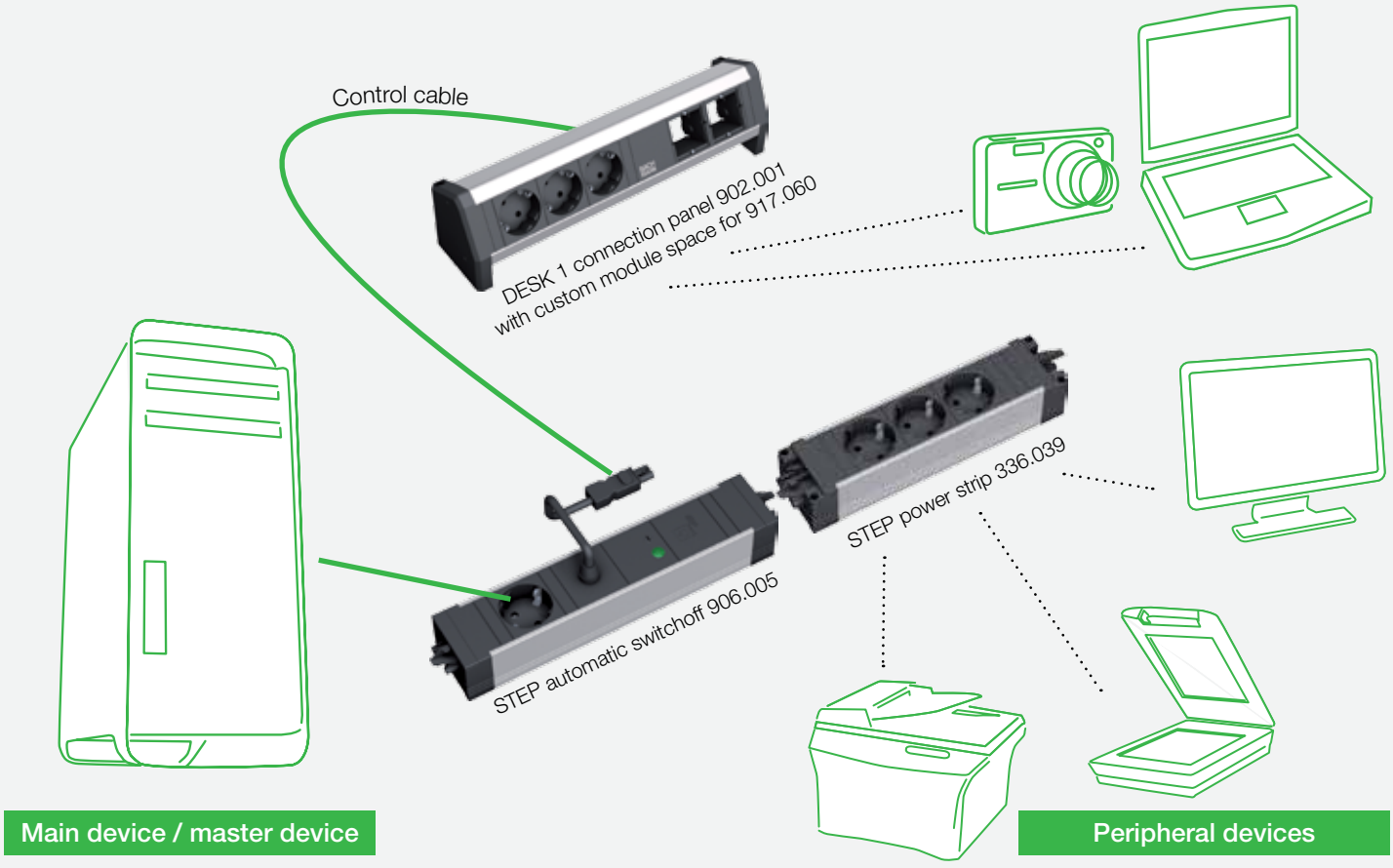
GREEN

Automatic switchoff modules

Art. no.	Version
STEP ALU automatic switchoff	**Length: approx. 263 mm**
906.005	· Anodised aluminium profile · 1 x automatic switchoff with socket outlet · 1 x button connection with 0.5 m cable and connector for linking to module 917.060 · Power input: GST18i3 plug, power output: GST18i3 socket
Module 1 x button automatic switchoff / Automatic Saves Energy	
917.060	· 1 x button, black, with 1.0 m cable and 2-pole plug · Activating the button restores power to the devices connected to the automatic switchoff unit. · Use in any power strip with custom modules

A desk connection panel with
custom module space and STEP are needed to complete the system.

The automatic switchoff makes possible savings of up to €70 per year and workstation.


Control cable
DESK 1 connection panel 902.001
with custom module space for 917.060
STEP power strip 336.039
STEP automatic switchoff 906.005
Main device / master device
Peripheral devices

DESK 2 is a power strip that can be populated with various communication modules. It has been designed for flexible use in the office, meeting rooms, home offices or desk sharing environments.

The power strip is made from aluminium and is available in various colours. The connections are screwed onto the standardised module windows and can be easily changed over.

DESK 2 is secured to the desktop with aluminium retaining brackets, cables are routed behind the screen.

DESK 2 won the red dot design award 2011, IF Product Design Award 2012 and was nominated for the German Design Award 2012.
The design is simple and straightforward, the materials used are of high quality and durable.

The benefits at a glance

- Design solution for modern workstations
- User-focused 45° orientation
- Covered wiring to the edge of a desk or table
- Custom versions adapt to future requirements
- Red Dot Design Award Winner 2011
- IF Award winner 2012
- Nominated for the German Design Award 2012

Particular attention has been paid to the design of the DESK 2. In terms of technology, DESK 2 has a modular structure, just like its predecessor DESK 1. Like all other Bachmann desk connection panels with media and data modules, DESK 2 is adapted to individual requirements and future purposes using Bachmann custom modules.

DESK 2

Design meets technology

German Design Award 2012 NOMINEE

product design award 2012

reddot design award winner 2011

DESK 2 – Product matrix

DESK 2	Country ID	Socket inserts	Empty spaces for cus-tom modules	USB charger	Colour	CAT6 RJ45 Socket/socket	USB 3.0 A/A socket	HDMI socket / socket	Incl. mounting bracket	Incl. supply cable	Child-proof	Length in mm
902.203	EN	2	1	-	white	-	-	-	yes	-	yes	204
902.228	EN	2	1	yes	white	-	-	-	yes	-	yes	239.2
902.211	EN	2	2	-	white	-	-	-	yes	-	yes	239
902.229*	EN	2	2	yes	white	-	-	-	yes	-	yes	281.7
902.2048	EN	3	-	-	white	-	-	-	yes	-	yes	197
902.300	EN	3	-	-	white	-	-	-	yes	yes	yes	197
902.301	EN	3	-	-	white	1	1	-	yes	yes	yes	239
902.302	EN	3	-	-	white	2	1	1	yes	yes	yes	282
902.200	EN	3	1	-	white	-	-	-	yes	-	yes	239
902.201	EN	3	2	-	white	-	-	-	yes	-	yes	282
902.202	EN	3	3	-	white	-	-	-	yes	-	yes	324
902.232*	UTE	2	1	yes	white	-	-	-	yes	-	yes	239.2
902.204	UTE	3	1	-	white	-	-	-	yes	-	yes	239
902.205	UTE	3	2	-	white	-	-	-	yes	-	yes	282
902.213	UK	2	-	-	white	-	-	-	yes	-	yes	196.7
902.206	UK	2	1	-	white	-	-	-	yes	-	yes	239
902.231*	UK	2	1	yes	white	-	-	-	yes	-	yes	274.2
902.207	UK	2	2	-	white	-	-	-	yes	-	yes	274
902.214	UK	4	-	-	white	-	-	-	yes	-	yes	316.7
902.230*	CH	2	2	yes	white	-	-	-	yes	-	-	281.7
902.208	CH	3	1	-	white	-	-	-	yes	-	-	239
902.209	CH	3	2	-	white	-	-	-	yes	-	-	282
902.403	EN	2	1	-	Stainless steel	-	-	-	yes	-	yes	204
902.428	EN	2	1	yes	Stainless steel	-	-	-	yes	-	yes	239.2
902.411	EN	2	2	-	Stainless steel	-	-	-	yes	-	yes	239
902.429*	EN	2	2	yes	Stainless steel	-	-	-	yes	-	yes	281.7
902.4048	EN	3	-	-	Stainless steel	-	-	-	yes	-	yes	197
902.500	EN	3	-	-	Stainless steel	-	-	-	yes	yes	yes	197
902.501	EN	3	-	-	Stainless steel	1	1	-	yes	yes	yes	239
902.502	EN	3	-	-	Stainless steel	2	1	1	yes	yes	yes	282
902.400	EN	3	1	-	Stainless steel	-	-	-	yes	-	yes	239
902.401	EN	3	2	-	Stainless steel	-	-	-	yes	-	yes	282
902.402	EN	3	3	-	Stainless steel	-	-	-	yes	-	yes	324
902.432*	UTE	2	1	yes	Stainless steel	-	-	-	yes	-	yes	239.2
902.404	UTE	3	1	-	Stainless steel	-	-	-	yes	-	yes	239
902.405	UTE	3	2	-	Stainless steel	-	-	-	yes	-	yes	282
902.431*	UK	2	1	yes	Stainless steel	-	-	-	yes	-	yes	274.2
902.407	UK	2	2	-	Stainless steel	-	-	-	yes	-	yes	274
902.406	UK	2	1	-	Stainless steel	-	-	-	yes	-	yes	239
902.430*	CH	2	2	yes	Stainless steel	-	-	-	yes	-	-	281.7
902.408	CH	3	1	-	Stainless steel	-	-	-	yes	-	-	239
902.409	CH	3	2	-	Stainless steel	-	-	-	yes	-	-	282

* No storage type

DESK 2 power strips

Art. no.	Version
Power socket outlets	**Length: approx. 197 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.2049	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.4048	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
902.300	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white · 1.5 m separate device supply cable, GST18/earth contact
902.500	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
Power outlet sockets	
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST 18i; incl. mounting bracket	
902.213	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white, length: 196.7 mm
902.214*	· 4 UK 3.15 A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white, length: 316.7 mm

DESK 2 power strips, empty

Art. no.	Version
1 x custom module + power socket outlets	**Length: approx. 239 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.200	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.204	· 3 child-proof French / UTE socket outlets, black, set at 35° · Painted in RAL 9010 white
902.206	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
902.208	· 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in RAL 9010 white
902.400	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
902.404	· 3 child-proof French / UTE socket outlets, black, set at 35° · Painted in stainless steel
902.406	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Painted in stainless steel
902.408	· 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in stainless steel
1 x custom module + power socket outlets	**Length: approx. 204 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.203	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.403	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
2 x custom modules + power socket outlets	**Length: approx. 239 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.211	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.411	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
2 x custom modules + power socket outlets	**Length: approx. 274 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.207*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
902.407*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Painted in stainless steel

* No storage type

DESK 2 power strips

Art. no.	Version
2 x custom modules + power socket outlets	**Length: approx. 282 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.201	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.205	· 3 child-proof French / UTE socket outlet, black, set at 35° · Painted in RAL 9010 white
902.209	· 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in RAL 9010 white
902.401	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
902.405	· 3 child-proof French / UTE socket outlets, black, set at 35° · Painted in stainless steel
902.409	· 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in stainless steel

3 x custom modules + power socket outlets	**Length: approx. 324 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.202	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.402	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel

DESK 2 power strips

Art. no.	Version
USB CHARGER CUSTOM	**DESK 2 with 1 x USB double charger (5.2 V/2.15 A), 1 x custom module + power outlet sockets**
Aluminium profile; power input 0.2 m H05VV-F3G 1.5 mm² with GST 18i; incl. mounting bracket	
902.228	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 239.2 mm · **Painted in RAL 9010 white**
902.232*	· 2 child-proof French / UTE socket outlets, black, set at 35° · Length 239.2 mm · **Painted in RAL 9010 white**
902.231*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Length 284.2 mm · **Painted in RAL 9010 white**
902.428	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 239.2 mm · **Painted in stainless steel**
902.432*	· 2 child-proof French / UTE socket outlets, black, set at 35° · Length 239.2 mm · **Painted in stainless steel**
902.431*	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° · Length 284.2 mm · **Painted in stainless steel**

* No storage type

DESK 2 power strips

Art. no.	Version
DESK 2 with 1 x USB double charger (5.2 V/2.15 A), 2 x custom module + power outlet sockets	CUSTOM USB CHARGER
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.229*	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 281.7 mm · **Painted in RAL 9010 white**
902.230*	· 2 Swiss / CH T13 socket outlets, black, set at 90° · Length 281.7 mm · **Painted in RAL 9010 white**
902.429*	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 281.7 mm · **Painted in stainless steel**
902.430*	· 2 Swiss / CH T13 socket outlets, black, set at 90° · Length 281.7 mm · **Painted in stainless steel**

DESK 2 power strips, equipped

Art. no.	Version
1 x custom module + power socket outlets	**Length: approx. 239 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.301	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white · 1 CAT6 coupling socket/socket · 1 USB A/A 3.0 Keystone module · 1.5 m separate device supply cable, GST18/earth contact
902.501	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel · 1 CAT6 coupling socket/socket · 1 USB A/A 3.0 Keystone module · 1.5 m separate device supply cable, GST18/earth contact

2 x custom modules + power socket outlets	**Length: approx. 282 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket	
902.302	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white · 2 CAT6 coupling socket/socket · 1 USB A/A 3.0 Keystone module · 1 HDMI Keystone socket/socket · 1.5 m separate device supply cable, GST18/earth contact
902.502	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel · 2 CAT6 coupling socket/socket · 1 USB A/A 3.0 Keystone module · 1 HDMI Keystone socket/socket · 1.5 m separate device supply cable, GST18/earth contact

Accessories

Art. no.	Version
DESK 2 cable routing	
Covered cable routing to under the edge of a desk or table	
918.106	Plastic, painted in RAL 9010 white
918.107	Plastic, painted in stainless steel

The DESK 2 mounting brackets are suitable for desk/table top thicknesses of between 10 mm and 40 mm. Alternatively, DESK 1 standard mounting brackets (art. no. 930.120) can also be used for DESK 2. In combination with DESK 2, these cover a clamping range of 25 mm to 55 mm.

STEP embodies the principle of modularity with absolute consistency. Accordingly, the system is ideal for flexible power and data supply at workstations, in partition systems, false floors and other connection applications.

The modularity of the STEP power strips makes for virtually endless possibilities: from simple sets for supplying electricity to power strips with integrated data connections, RCDs/MCBs, overvoltage protection, connections for media technology and much more.

For electricity distribution STEP uses the Wieland connector system as standard and can therefore be supplied with a variety of cable lengths. Other plug connection systems can also be supplied on request.

STEP delivers individual tailor-made solutions meeting all the requirements of modern power and data supply. In short: Fit for the future - step by step.

The benefits at a glance

- Consistent modularity
- Versatile applications
- Standard connection system
- Can be removed at any time
- Functional efficiency

STEP is ideal for flexible power and data supply at workstations, in partition systems, false floors and other connection applications.

STEP

Fit for the future - step by step

STEP – the all-round system designed for expansion.

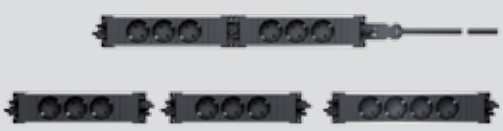
Perfectly tailored for the best connections

The STEP power strip is available with an aluminium or plastic profile. It is possible to connect multiple power strips together to form a modular system. STEP is designed primarily as a simple electricity supply unit for office workstations. Permanently positioned devices such as PCs, monitors, printers, etc. can be connected to STEP.

STEP power strips have a power input and a power output, each of which is built into the end caps. The Wieland GST18 plug connectors fitted are particularly tried-and-tested solutions for office use and have the coding and latch mechanism required to comply with the applicable standard.

Versatile mounting options

STEP power strips are versatile in their application. They can be fitted for example under table/desk tops, in cable ducts and in partitions.
Different mounting accessories are available for the various applications (see page 61 onwards).



STEP combination options

You can plug separate modules together or combine them as you wish with a connecting cable.
STEP can thereby function as a unique power distribution system.
Other plug-in connection systems (e.g. Wago Winsta, Woertz, Ensto) can be supplied on request.

See glossary for country-specific information

Power cables and custom modules are available separately

Art. no.	Version
STEP BASE: Power socket outlets	**Length: approx. 220 mm**
Plastic profile; power input: GST18 / power output: GST18	
336.600	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
336.601	· 3 socket outlets with earthing contact, child-proof, red, set at 35°
336.603	· 3 child-proof French / UTE socket outlet, black, set at 35°
906.1306	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°
906.0059	· 2 UK 3.15 A individually fused, child-proof, black, set at 45°, 2 switches
906.0055	· 4 UK 3.15 A individually fused, child-proof, black, set at 45°
906.0060	· 4 UK 3.15 A individually fused, child-proof, black, set at 45°, 1 switches

STEP BASE: Power socket outlets	**Length: approx. 262.5 mm (note special lengths)**
Plastic profile; power input: GST18 / power output: GST18	
336.604	· 4 socket outlets with earthing contact, child-proof, black, set at 35°
336.606	· 4 child-proof French / UTE socket outlets, black, set at 35°
336.626	· 5 socket outlets with earthing contact, child-proof, black, set at 35°, length 305 mm

STEP ALU: Power socket outlets	**Length: approx. 220 mm (note special lengths)**
Aluminium profile; power input: GST18 / power output: GST18	
336.039	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
336.067	· 3 socket outlets with earthing contact, child-proof, red, set at 35°
906.1075	· 3 child-proof French / UTE socket outlets, black, set at 35°, length 220 mm
336.046	· 4 child-proof French / UTE socket outlets, black, set at 35°, length 262.5 mm
336.072	· 3 child-proof French / UTE socket outlets, red IT, set at 35°
336.088	· 4 child-proof French / UTE socket outlets, red IT, set at 35°, length 262.5 mm
906.1086*	· 3 Swiss / CH socket outlets, black, set at 90°
906.1059*	· 3 UK 3.15 A individually fused, child-proof, black, set at 45°, length 314.5 mm
336.076	· 3 USA socket outlets, black, set at 0°, length 195 mm

STEP ALU: 1 x custom module + power socket outlets	**Length: approx. 220 mm** CUSTOM
Aluminium profile; power input: GST18 / power output: GST18	
906.000	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
906.002	· 2 child-proof French / UTE socket outlets, black, set at 35°
906.071	· 2 Swiss / CH socket outlets, black, set at 90°
336.079	· 2 UK 3.15 A individually fused, child-proof, black, set at 45° (length 284.5 mm)

STEP ALU: 2 x custom modules + power socket outlets	**Length: approx. 262.5 mm** CUSTOM
Aluminium profile; power input: GST18 / power output: GST18	
906.001	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
906.009*	· 2 child-proof French / UTE socket outlet, black, set at 35°
906.080*	· 2 Swiss / CH socket outlets, black, set at 90°

STEP ALU: 1 x switch + power socket outlets	**Length: approx. 262.5 mm**
Aluminium profile: Power input: GST18 / power output: GST18	
906.003	· 3 x socket outlets with earthing contact, child-proof, black, set at 35° · Switch, switches sockets only (not power output)
906.031	· 3 x socket outlets with earthing contact, child-proof, black, set at 35° · Switch, switches sockets and power output

STEP ALU: 1 x USB double charger (5.2 V/2.15 A), 1 x custom module + power outlet sockets	**Length: approx. 262.8 mm** CUSTOM USB CHARGER
Aluminium profile; power input: GST18 / power output: GST18	
906.0113*	· 2 x socket outlets with earthing contact, child-proof, black, set at 35°

* No storage type

All STEP safety modules are compatible with STEP ALU and STEP BASE

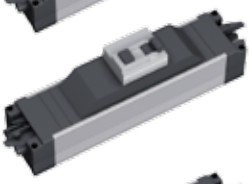
See glossary for country-specific information. **Power cables and custom modules are available separately.**

Art. no.	Version
STEP ALU overvoltage protection, GST18	**Length: approx. 147 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.003	· Overvoltage protection unit, 2 kV, with function and fail indicator

STEP ALU overvoltage protection + mains and frequency filters, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.004	· Overvoltage protection unit, 2 kV, with function and fail indicator and mains filter 30 MHz

STEP ALU MCB, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.015	· Miniature circuit-breaker 16 A, 2-pole · Characteristic B

STEP ALU RCD, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.014	· Residual current device 16 A, tripping current 30 mA, response time 30 ms, 2-pole



STEP ALU RCD, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
906.067	· Residual current device 16 A, tripping current 10 mA, response time 30 ms, 2-pole · Power input: GST18i3 plug; power output: GST18i3 socket;

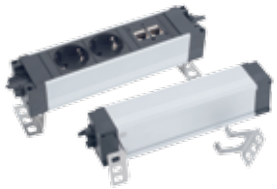
STEP ALU RCD/MCD GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.065	· Combined RCD/MCD comprising: - Residual current device 16 A, tripping current 30 mA, response time 30 ms, 2-pole - Miniature circuit-breaker 16 A rated current, 400 V, 2-pole · Characteristic B; 6 kA

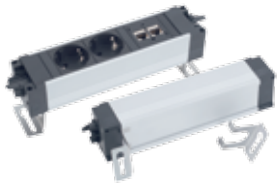
STEP ALU Master & Slave, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.006	· Master & Slave circuit with threshold value setting 10 W and higher · Effective power: 0.29 W / apparent power: 1.05 W

STEP ALU automatic switchoff	**Length: approx. 263 mm**
Aluminium profile; power input: GST18 / power output: GST18	See page 48
906.005	· 1 x automatic switchoff with socket outlet · 1 x button connection with 0.5 m cable and connector for linking to module 917.060

STEP accessories

Art. no.	Version
Fitting accessories	
375.502	· Contents: - 4 screws 2.9 x 30 mm - 2 end cap cover strips to provide a visual finish (fitted on the end caps where two strips are linked together) - 1 end cap for power outlet socket
Stainless steel mounting bracket	
940.096	· For insertion into the rear of a STEP profile · Ideal for use with power strips with data connections · 2 items
Stainless steel mounting bracket with elongated hole	
940.024	· For insertion into the rear of a STEP profile · With elongated hole (keyhole) for screwing into place, ideal for use with power strips with data connections · 1 item left, 1 item right
Stainless steel mounting plate, flat	
940.097	· For insertion into the rear of a STEP profile · For screwing in place e.g. under a desk or table · 2 items, packed in plastic bag
STEP cover plates	
375.529	· For fitting over the end caps of STEP power strips · For visual finish · Plastic, black · 2 items, packed in plastic bag
Sheet steel mounting plate	
940.108	· For insertion into rear of STEP profile · Tightening the nut on the threaded screw fixes the power strip in place · Contents: - 1 mounting plate incl. M5 screw, washer and nut
STEP plastic mounting clip	
918.025	· For mounting STEP BASE and STEP ALU power strips in suitable cut-outs in sheet steel (2.0 mm thickness) · Contents: 2 plastic mounting clips, 4 screws 2.9 x 30 mm · Drawings for the required cut-outs can be requested if required.





For earthed power supply cable to STEP unit, see Accessories section

- Pre-assembled power supply cables with integrated earth connection
- Earthing of the power strip is independent of the installation
- Ideal in combination with STEP power strips (starting on page 56)

Bachmann custom modules are the central components of video, audio and network connections. Their construction offers you simple and flexible installation in facility systems, rack systems and electrical installations. The versatility of custom modules make Bachmann facility systems even more flexible. With the easy-to-swap modules you can create units to meet the individual data, video and audio connection requirements of your customers quickly and simply.

Now Bachmann is also offering this flexibility for 10" and 19" panel installations. The standard custom modules facilitate the optimal configuration for every media and network connection requirement. Here also, socket/socket or screw-terminal connections provide great simplicity of installation.

When it comes to electrical installations, Bachmann custom modules are again an outstanding addition. The small number of parts make the custom modules compatible with the current switch ranges of reputable manufacturers. Simple fitting and removal mean that all installations can be quickly adapted to changed requirements and brought up to the current state of the art.

The benefits at a glance

- Flexibly interchangeable modules
- For data, video and audio connections
- Can be used in facility systems, rack systems and electrical installations
- Integration with the switch ranges of leading manufacturers
- Easy to connect via socket/socket or screw terminals

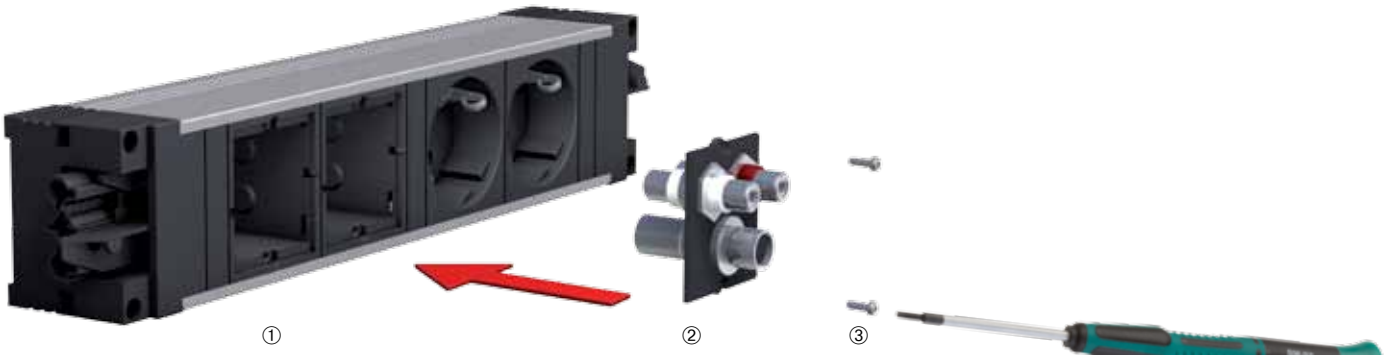
Power strips

19" and 10" media racks

Electrical installations

CUSTOM MODULES

As versatile as your applications



Torx T6 (917.040)

The empty built-in frame ① of Bachmann Facility systems accommodates the custom modules ② which are fixed in place with two Torx screws ③. The custom modules can be easily exchanged by loosening the screws.

Custom modules in the facility systems

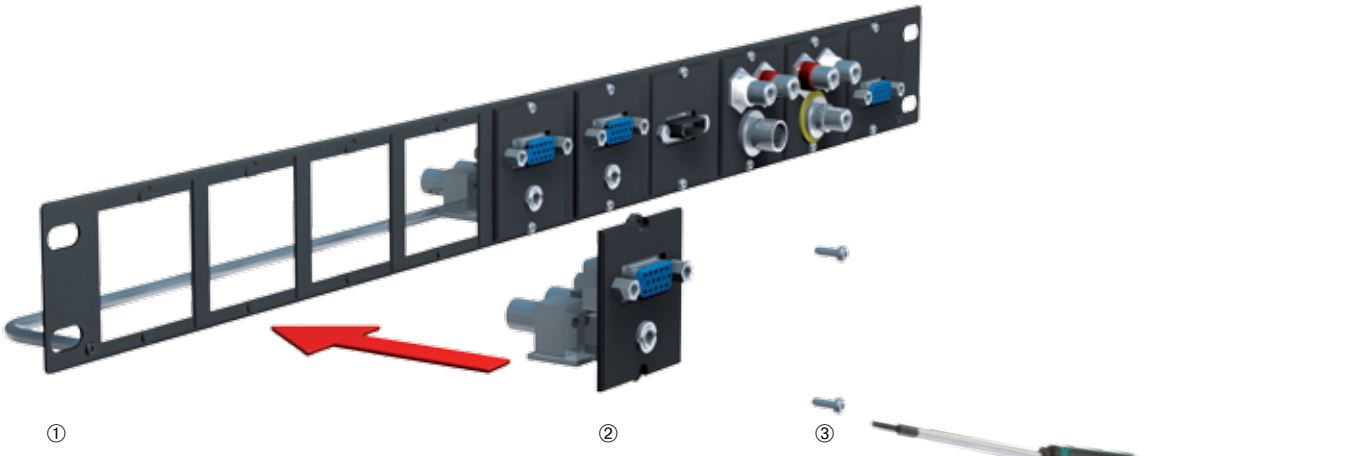
Individual configuration

Modern technology and strong ideas are at the heart of each and every Bachmann facility system. With expansion-compatible multiple-socket outlets and facility custom modules for individual configuration, these systems provide the ideal basis for setting up flexible connections. Practical units provide secure networking in the office, while elegantly designed, concealed supply systems offer trouble-free communications for conferences. In addition to standard units factory-configured with sockets, Bachmann facility products also include empty modules that you can configure yourself. Custom modules are supplied complete with screws.

The greatest flexibility - prepared for the future

Whenever you change the configuration you have the opportunity to upgrade your equipment to the latest state of the art. Built-in insulation protects you from contact with live parts when exchanging modules. There is no requirement to recheck the electrical connections of the unit after changing modules, and the warranty is not affected. You can find facility system products in the main Bachmann catalogue and in the separate Facility Systems catalogue.

Compatible with Bachmann facility systems



① ② ③

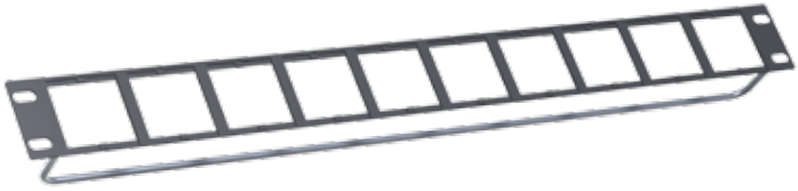
Torx T6 (917.040)

Our 19" and 10" racks① accept custom modules② which are simply inserted and screwed in. System integration is made easy with the open construction and socket/socket or screw-terminal custom modules.

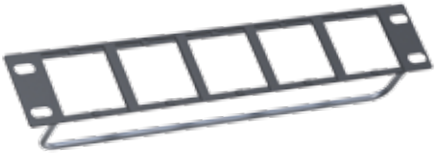
Custom modules in the rack installation

Full integration of media and network technologies

The 19" and 10" panels offer simple and flexible integration of media and network technologies into your rack system. The custom modules, easily screwed into place (Torx M2 screws③ included with the panels) enable you to respond to changes in system requirements at any time. Socket / socket and screw-terminal technology offers a compact and clearly arranged installation. The panels are particularly economical on space, requiring only one height unit (44.5 mm).

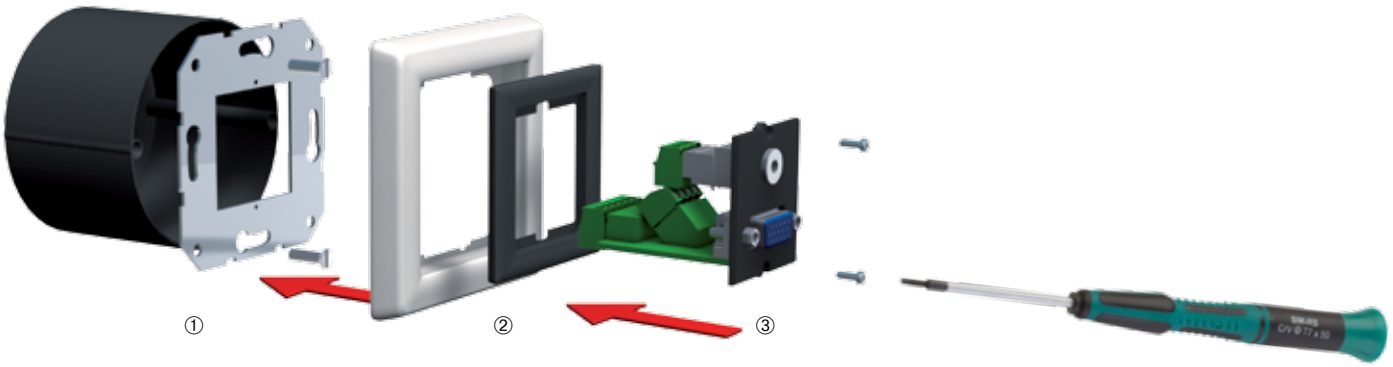


903.000 Bachmann 19" panel, 1 U, with strain-relief bar, accepts 10 custom modules (screws for mounting the modules included)



903.001 Bachmann 10" panel, 1 U, with strain-relief bar, accepts 5 custom modules (screws for mounting the modules included)

Compatible with Bachmann IT rack panel



Torx T6 (917.040)

Using a mounting plate ① and adapter frame ② (see page 66), custom modules ③ can be installed in a switch box.

Custom modules in the electrical installations

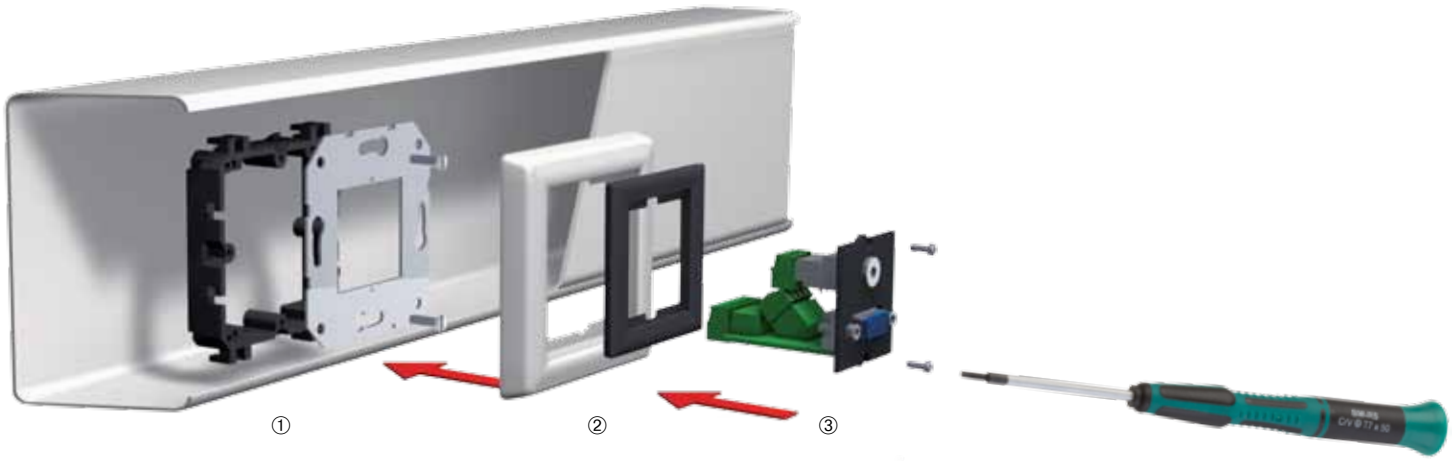
Unlimited installation options

The addition of a few extra components opens up whole new possibilities for electrical installations. Installed in either a switch box or sill-type trunking, the extensive range of custom modules allows the easy integration of audio, video and data networks. By using the standard 50 x 50 mm and 55 x 55 mm adapter frames, the custom modules form an optimal complement to the current switch ranges of reputable manufacturers. The connections to the rear can be made either as socket / socket or by means of screw terminals. No complicated soldering or cabling is required. A compatibility list of custom modules to the switch ranges of various manufacturers can be found on page 68 onwards.

917.064 mounting plate
(Suitable Torx M2 screws included)

Adapter frame, 50x50 mm and 55x55 mm in black and white

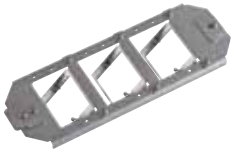
Mounting box for trunking (example)
You can obtain various mounting or device boxes from trunking manufacturers



Torx T6 (917.040)

The mounting box is inserted into the trunking. On this base, the mounting plate ① and adapter frame ② (50 x 50 mm or 55 x 55 mm) and Bachmann custom module ③ are bolted.

Bachmann custom modules ③ can even be fitted into conventional floor boxes. The custom module holder ④ for floor box systems allows the module to be fitted directly. There is thus no need for a mounting plate ① or adapter frame ②. The Bachmann custom module bracket ④ is suitable for floor boxes from various manufacturers. Please check the installation depth required by the custom modules.



④

Compatible with Bachmann electrical installations

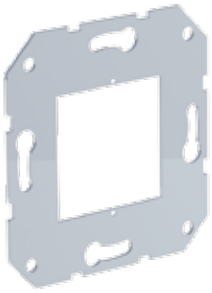
Manufacturer *	Switch range *	Bachmann Adapter frame ** Colour black	Bachmann Adapter frame ** Colour white	+ Adapter manufacturer number
Berker	S.1	917.066	917.169	–
	B.1	917.066	917.169	–
	B.3	917.066	917.169	–
	B.7 Glass	917.066	917.169	–
	K.1	917.065	917.168	11087124 11087106 11087109 11087102
	K.5	917.065	917.168	11.087.104
	Arsys	917.065	917.168	11080101 11089104 11089111 11080169 11080102
	Module 2	917.065	917.168	114309 114302
Busch-Jaeger	carat	917.065	917.168	1746/10-81 1746/10-82 1746/10-84
	pure stainless steel	917.065	917.168	1746/10-866
	pulse	917.065	917.168	1746/10-71 1746/10-72 1746/10-74 1746/10-79 1746/10-777 1746/10-783
	solo	917.065	917.168	1746/10-82 1746/10-84 1746/10-85 1746/10-86 1746/10-87 1746/10-88 1746/10-803 1746/10-815
	Busch-axcent	917.065	917.168	1746/10-84
	future	917.065	917.168	1746/10-82 1746/10-84 1746/10-85 1746/10-89
	Future linear	917.065	917.168	1746/10-81 1746/10-82 1746/10-83 1746/10-84 1746/10-89
EGB	Elegant Standard	917.065	917.168	143.090.045
ELSO	JOY	917.065	917.168	363080 363084
	RIVA	917.065	917.168	203080 203084 2030831 2030811 2030819
	RIVA	917.066	917.169	203160 203164 2031611 2031619
	SCALA	917.065	917.168	203080 203084 2030811 2030819
	SCALA	917.066	917.169	203160 203164 2031611 2031619
	FASHION	917.065	917.168	203080 203084 203081 2030812 203082 2030831 203086 203089 2030844
	FASHION	917.066	917.169	203160 203164 203160D
	NOVIA	917.066	917.169	284800 284804
	NOVIA	917.065	917.168	283160 283164 2831631 2831612 283166 283169 2.831.611
	CLASSIC	917.065	917.168	303110 303111
Gira	Standard 55	917.066	917.169	–
	E2	917.066	917.169	–
	Event	917.066	917.169	–
	Esprit	917.066	917.169	–
	E22	917.066	917.169	0.289.202
	Stainless steel series 20/21	917.066	917.169	028.920
	TX_44	917.066	917.169	028966 028967 028965
	Surface switch	917.066	917.169	0289111 0289112
	S-Color	917.065	917.168	028240 028242 028243 028246 028247
Jäger	Opus	917.065	917.168	560.050.02
Jung	AS 500	917.066	917.169	–
	AS Universal	917.066	917.169	–
	A 500	917.066	917.169	–
	A plus	917.066	917.169	–
	A creation	917.066	917.169	–
	LS-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
	LS 990	917.066	917.169	LS961Z5WW LS961Z5SW LS961Z5AL
	LS plus	917.066	917.169	AL2961Z5-L ES2961Z5-L

*Name and product designation of respective manufacturer
**To install in the switch range, please also order the appropriate Bachmann adapter frame.

Manufacturer *	Switch range *	Bachmann Adapter frame ** Colour black	Bachmann Adapter frame ** Colour white	+ Adapter manufacturer number
Jung	FD-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
	CD 500	917.065	917.168	590ZCD 590ZWW
	LS 990	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
	LS 990	917.065	917.168	LS961Z5 LS961Z5WW LS961Z5SW
	Aluminium	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Aluminium	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
	Stainless steel	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Stainless steel	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
	Anthracite	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZW
	Anthracite	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
	Bright chrome	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Bright chrome	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Merten	1-M	917.066	917.169	–
	ATELIER-M	917.066	917.169	–
	M-SMART	917.066	917.169	–
	M-PLAN	917.066	917.169	–
	M-PLAN GLASS	917.066	917.169	–
	M-PLAN Metal	917.066	917.169	–
	M-PLAN II	917.066	917.169	–
	M-ARC	917.066	917.169	–
	M-STAR	917.066	917.169	–
	ARTEC	917.065	917.168	516094 516099
	AQUADESIGN	917.065	917.168	518344 518319 518314 518360
PEHA	Standard	917.066	917.169	219511 219611
	Standard	917.065	917.168	219411 219211 219711 219311 218711
	Dialog	917.065	917.168	828611 819511 768611 847311 838011 778611 316611
	Aura	917.065	917.168	117211 129511 155811
	Nova	917.065	917.168	027211 042211 057211
	Nova	917.066	917.169	100511 100711 100611
POPP	FOREVER	917.065	917.168	729828 729811
	PALLAS	917.065	917.168	729842 729866 729859
	ARCADA	917.065	917.168	–
Presto-Vedder	Regina classic	917.065	917.168	730RW 730RUW
	Alessa	917.065	917.168	230RUW
	Alessa plus	917.065	917.168	230RUW
	Fiorena	917.065	917.168	3030RUW 3030RW 3030RSI 3030RSGR
Siemens	DELTA line	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
	DELTA vita	917.065	917.168	5TG2557 5TG1160 5TG1150
	DELTA miro	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
	DELTA style	917.065	917.168	5TG1326 5TG1326-1 5TG1366
	DELTA style	917.066	917.169	5TG1327 5TG1327-1 5TG1367
	DELTA profile	917.065	917.168	5TG1806 5TG1866 5TG1766 5TG1836 5TG1706-1 5TG1746-1
	DELTA profile	917.066	917.169	5TG1893 5TG1885 5TG1762 5TG1835 5TG1705-1 5TG1745-1

*Name and product designation of respective manufacturer
**To install in the switch range, please also order the appropriate Bachmann adapter frame.

Switch range



Art. no.	Version
Custom module mounting plate for switch range	**Stainless steel**
917.064	· Stainless steel mounting plate suitable for conventional devices, for flush mounted, cavity and device boxes for trunking · Incl. 2 Torx M2 screws · An extra mounting box is needed for trunking (see manufacturer's range)

Adapter frame for switch range	**Plastic**
917.065	· 50 x 50 mm · Black · Fits into conventional switch ranges (50 x 50 mm internal dimensions) in conjunction with the stainless steel mounting plate 17.064 Please check the compatibility list from page 68 onwards

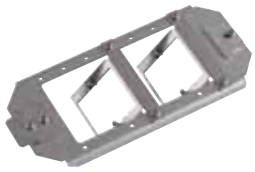
Adapter frame for switch range	**Plastic**
917.168	· 50 x 50 mm · White RAL 9010 · Fits into conventional switch ranges (50 x 50 mm internal dimensions) in conjunction with the stainless steel mounting plate 17.064 Please check the compatibility list from page 68 onwards

Adapter frame for switch range	**Plastic**
917.066	· 55 x 55 mm · Black · Fits into conventional switch ranges (55 x 55 mm internal dimensions) in conjunction with the stainless steel mounting plate 17.064 Please check the compatibility list from page 68 onwards

Adapter frame for switch range	**Plastic**
917.169	· 55 x 55 mm · White RAL 9010 · Fits into conventional switch ranges (55 x 55 mm internal dimensions) in conjunction with the stainless steel mounting plate 17.064 Please check the compatibility list from page 68 onwards

Floor boxes

Art. no.	Version
Floor box mounting 2 x	**Sheet steel**
2 x custom modules	
917.068	· For fitting in OBO Bettermann device case / floor-box systems · Accepts 3 custom modules (transverse mounting) · Incl. 2 Torx M2 screws



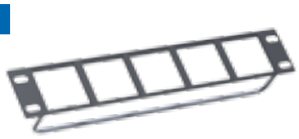
Floor box mounting 3 x	**Sheet steel**
3 x custom modules	
917.067	· For fitting in OBO Bettermann device case / floor-box systems · Accepts 3 custom modules (transverse mounting) · Incl. 2 Torx M2 screws

Floor box mounting 2 x	**Plastic black**
2 x custom modules	
917.139	· Mounting for Electraplan floor boxes · Accepts 2 custom modules (transverse mounting) · Incl. Torx M2 screws for custom modules

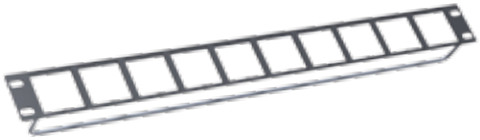
Floor box mounting 3 x	**Plastic black**
3 x custom modules	
917.140	· Mounting for Electraplan floor boxes · Accepts 3 custom modules (transverse mounting) · Incl. Torx M2 screws for custom modules

Media racks/IT panels

Art. no.	Version
10" custom module panel 1 U Black anodised aluminium	
903.001	· Accepts up to 5 custom modules · Incl. fixing accessories and Torx M2 screws



19" custom module panel 1 U Black anodised aluminium	
903.000	· Accepts up to 10 custom modules · Incl. fixing accessories and Torx M2 screws

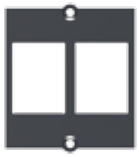


Modules for Keystone data connections

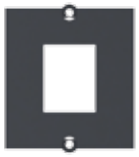
· All modules are supplied with 2 Torx T6 screws.

Art. no.	Version
2 x Keystone modules	
917.000	· Module, black, accepts 2 data sockets with Keystone fitting
	· Suitable for the data sockets listed below
917.158	· Module, white, accepts 2 data sockets with Keystone fitting
	· Suitable for the data sockets listed below

Art. no.	Version
1 x Keystone module	
917.001	· Module, black, accepts 1 data socket with Keystone fitting
	· Suitable for the data sockets listed below
917.159	· Module, white, accepts 1 data socket with Keystone fitting
	· Suitable for the data sockets listed below



Art. no.	Version
2 x Keystone module with metal holder	
917.061	· Module, black, accepts 2 data sockets with Keystone fitting
	· Keystone fitting with metal holder on rear of cover for high mechanical stresses
	· Suitable for the data sockets listed below



Art. no.	Version
1 x Keystone module with metal holder	
917.062	· Module, black, accepts 1 data socket with Keystone fitting
	· Keystone fitting with metal holder on rear of cover for high mechanical stresses
	· Suitable for the data sockets listed below

Data connections for custom modules 917.000, 917.001, 917.061 and 917.062

Socket / socket (Suitable data cables can be found in the accessories)

Art. no.	Version
CAT6 coupling socket/socket	
940.044	· Type: BTR E-DAT
	· Front: RJ45 (Keystone fitting), rear: RJ45 (E-DAT mounting)
	· Shielded

Art. no.	Version
CAT6 coupling / socket/socket	
940.083	· Front: RJ45 (Keystone fitting), rear: RJ45 (Keystone fitting)
	· Shielded

Art. no.	Version
CAT6 coupling socket/socket	
940.112	· Front: RJ45 (Keystone fitting), rear: RJ45 (Keystone fitting)
	· Unshielded

Art. no.	Version
CAT5e coupling socket / socket	
940.057	· Front: RJ45 (Keystone fitting), rear: RJ45 (Keystone fitting)
	· Shielded

Art. no.	Version
ISDN RJ12 socket / socket	
940.085	· Front: RJ12 (Keystone fixing), rear: RJ12 (Keystone fixing)
	· Unshielded

Art. no.	Version
Keystone socket cover	
917.057	· Socket cover, clips into an empty Keystone socket
	· Can be used as a place holder for sockets inserted subsequently
	· Suitable for 917.000 / 917.001 / 917.061 / 917.062

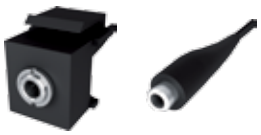
Data connections for custom modules 917.000, 917.001, 917.061 and 917.062

Socket/supply cable

Art. no.	Version
CAT6a 10GB Patch cable plug / socket 3.0 m	
918.033	· Front: Socket RJ45 CAT6a TKM 10GB · Cable, black, with RJ45 plug · Shielded
CAT6a 10GB Patch cable plug / socket 5.0 m	
918.034	· Front: Socket RJ45 CAT6a TKM 10GB · Cable, black, with RJ45 plug · Shielded
CAT6a 10GB socket TKM	
918.035	· CAT6a connector socket TKM 10GB · Without cable (designed for tool-free connection of data cable) · Shielded
Shutter RJ 45	
930.143	· Cover for Keystone custom module · Does not require tools · Suitable for custom modules 917.000 / 917.001 / 917.051 / 917.052 · With paper strips for inscriptions · Universally suits 1 and 2 data connections · Ideal as dust cover for data socket contacts when not in use

Keystone connections for media technology

Art. no.	Version
Custom module 1 x HDMI Keystone	**Black**
918.040	· Front: HDMI socket · Rear: HDMI socket, without cable · Fits into Keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
Custom module 1 x mini stereo jack 3.5 mm Keystone	**Black**
917.157	· Front: 3.5 mm mini stereo jack socket · Rear: Mini stereo jack socket with approx. 0.1 m cable · Fits into Keystone frame 917.000 or 917.001 · Requires approx. 65 mm installation depth
Custom module 1 x USB 3.0 A / A Keystone	**Black**
917.120	· Front: USB A socket · Rear: USB A socket · Fits into Keystone frame 917.000 or 917.001 (see page 72) · Requires approx. 85 mm installation depth



FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

OWG connections

Art. no.	Version
OWG - LC duplex Keystone	
918.071	· OWG-LC duplex coupling · Keystone fixing

OWG - ST duplex Keystone	
918.073	· OWG-ST duplex coupling · Keystone fixing

TOSLINK Keystone	
918.045	· TOSLINK optic fibre audio coupler · Keystone fixing

OWG - SC Keystone	
918.072	· OWG-SC coupling · Keystone fixing

OWG-MT-RJ Keystone	
918.074	· OWG-MT-RJ coupling · Keystone fixing

Cable feedthroughs

Front

Rear

Module 1 x data cable feedthrough

917.032 · Module with drill hole and 2-part cable bushing for data cables up to 11 mm in diameter

Module 1 x VGA cable feedthrough

917.033
· 1 x 2-part cable bushing, ideal for routing VGA cables, without cables.
· Suits cables up to 24 mm diameter

Modules for data connections

· All modules are supplied with 2 Torx T6 screws.

BTR**
· E-DAT module CAT6a 8(8)
· E-DAT module coupling 8(8) CAT6

DAETWYLER**
· unilan MS 1/8 CAT6 RJ45
· unilan RJ45 feedthrough coupling CAT6
· unilan MU 1/8 CAT6 RJ45

KERPEN**
· VarioKeystone socket module RJ45

Module 2 x BTR E-DAT module CAT6

917.038 · Module with cut-out and mounting module for 2 x BTR E-DAT module CAT6 (not included)
· Also suitable for Daetwyler Unilan module MS 1-8

Module 1 x BTR E-DAT module CAT6

917.006 · Module with cut-out and mounting module for 1 x BTR E-DAT module CAT6 (not included)
· Also suitable for Daetwyler Unilan module MS 1-8

Module 1 x Systimax CAT6

917.003 · Module with cut-out and mounting plate for 1 x Systimax CAT6 MGS500 and MGS400 series (not included)

FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

Modules for data connections

· All modules are supplied with 2 Torx T6 screws.

Art. no.	Version

Module 1 x RDM CAT6

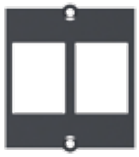
917.005	· Module with cut-out and mounting plate for 1 x Reichle de Masari (RDM) CAT6 (not included)

Module 1 x BKS

917.153	· Module with cut-out for BKS (RJ, RJ250, RJUTP, RJpro and MMC3000pro) data connections in conjunction with mounting clip 403-7540xx (not included). · Also suitable for Kerpen ELine 1200 C7 socket with help of ELine EC7 adapter clip LKD9ZE300210000), not included in scope of supply.

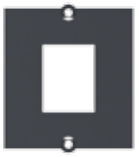
Module Nexans 2 x

917.052	· Module, black, with cut-out for 2 Nexans LAN-mark-6 CAT6 (clips in with Keystone Clip Nexans) · Data socket and Keystone clip available separately



Module Nexans 1 x

917.051	· Module, black, with cut-out for 1 Nexans LAN-mark-6 CAT6 (clips in with Keystone Clip Nexans) · Data socket and Keystone clip available separately



Module 1 x Panduit CAT6

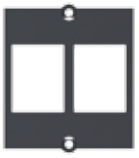
917.007	· Module with cut-out and mounting plate (black) for 1 x Panduit CAT6 (not included)

Module 1 x Corning CAT6

917.002	· Module with cut-out and mounting plate (black) for 1 x Tera CAT6 S250 (not included) · Suitable for Corning modules: S500 module / CAXASM-00104-C001, S500 fx / CAXASM-00104-C002, S10 ten / CAXTSM-00112-C001, S10 ten fx / CAXTSM-00112-C004, S250 module / CAXESM-00100-C001, S250 fx / CAXESM-00100-C004, S100 eL / CAXGSM-00100-C001, S100 e / CAXDSM-00100-C001

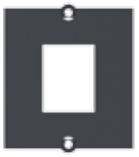
Module 2 x CAT7 Tera

917.039	· Module with cut-out and mounting plate (black) for 2 x Tera CAT7 (not included) · DAETWYLER unilan PS 1/8 CAT7, CORNING S1200 module S1200 shielded CAT7+



Module 1 x CAT7 Tera

917.008	· Module with cut-out and mounting plate (black) for 1 x Tera CAT7 (not included) · DAETWYLER unilan PS 1/8 CAT7, CORNING S1200 module S1200 shielded CAT7+



FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
Bachmann versions															
CAT6 coupling, shielded 940.044	x	x			x	x									
CAT6 coupling, unshielded 940.112	x	x	x	x											
CAT5e coupling 940.057	x	x	x	x											
ISDN RJ12 socket unshielded	x	x	x	x											
CAT6a 10GB socket TKM, shielded, for automatic telephone 918.035	x	x	x	x											
CAT6a 10GB socket TKM, shielded, with 3.0 m cable and RJ45 plug / 918.033	x	x	x	x											
CAT6a 10GB socket TKM, shielded, with 5.0 m cable and RJ45 plug / 918.034	x	x	x	x											
Socket cover / blank cover Keystone black / 917.057	x	x	x	x											
RJ45 shutter / 930.143	x	x													
OWG - LC duplex Keystone / 918.071	x	x	x	x											
OWG-SC Keystone / 918.072	x	x	x	x											
OWG-ST Keystone / 918.073	x	x	x	x											
OWG-MT-RJ Keystone / 918.074	x	x	x	x											
TOSLINK Keystone / 918.045	x	x	x	x											
Tyco Electronics / AMP NETCONNECT*															
SL series 110Connect jacks CAT6	X	x	x	x											
SL series 110Connect jacks CAT5e	X	x	x	x											
SL series 110Connect jacks CAT3	X	x	x	x											
SL series toolless jacks CAT5e	x	x	x	x											
SL series toolless jacks CAT3	x	x	x	x											
Modular telephone coupler RJ45 / RJ11 coupler	x	x	x	x											
AMP-TWIST-6S SL jack CAT6	x	x	x	x											
Standard 110Connect jacks CAT5e		x		x											
Standard 110Connect jacks CAT3 RJ45 / RJ11		x		x											
AMP-TWIST 6AS SL RJ45 jack	x	x	x	x											
ADC KRONE*															
KM8 RJ45 Modular Keystone shielded		x		x											
KM8 RJ45 Modular Keystone unshielded		x		x											
BELDEN*															
Giga Flex Keystone	x	x	x	x											
Giga Flex MDVO	x	x	x	x											
BKS* (can be used with mounting clip 403-7540xx (not included)															
RJ, RJ250, RJUTP, RJpro and MMC3000pro											x				

*Name and product designation of respective manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
BRAND-REX*															
10GPLUS jack shielded	x	x	x	x											
Augmented category 6 shielded tool-free jack / AC6JAKS000	x	x	x	x											
CAT5e GIGAPlus jack 110 IDC 568		x		x											
CAT6 Keystone plus		x		x											
CAT6 Keystone snap in	x	x	x	x											
CAT6 Plus		x		x											
Cat6Plus shielded module / C6CJAKS000CR	x	x	x	x											
Category 6 shielded tool-free jack 7 C6CJAKS000	x	x	x	x											
BTR**															
C6A module 180° / 130B11-E					x	x									
E-DAT module CAT6a 8(8)					x	x									
E-DAT module coupling 8(8) CAT6 1309A0-I	x	x	x	x	x	x									
E-DAT module coupling 8(8) CAT6 1309A0-I					x	x									
UTP module CAT5e / 130A08-I / 130A08-I-B1	x	x	x	x											
UAE module CAT5e unshielded 130908-	x	x	x	x											
UAE module CAT6 130909-I / 130909-I-B1					x	x									
UTP module 8 (8) CAT6 / 130A10-I / 130A10-29-I / 130A10-29-I-B1	x	x	x	x											
CIMABOX*															
CAT5e and CAT6 Keystone CJ545U / CJ545F	x	x	x	x											
Shielded and unshielded CJ645U / CJ645F	x	x	x	x											
COBINET*															
Patch cable coupling TopConnect RJ45			x	x											
RJ45 module TopKey			x	x											
CORNING*															
S10 TEN / CAXTSM-00112-C001								x							
S10 TEN fx / CAXTSM-00112-C004								x							
S100 e / CAXDSM-00100-C001								x							
S100 eL / CAXGSM-00100-C001								x							
S1200 module S1200 shielded CAT7 / CAXFSM-00100-C001												x	x		
S250 fx / CAXESM-00100-C004								x							
S250 module / CAXESM-00100-C001								x							
S500 fx / CAXASM-00104-C002								x							
S500fx module / CAXBSM-00104-C002	x	x	x	x											
S500 module / CAXBSM-00104-C001	x	x	x	x											
S500 module / CAXASM-00104-C001								x							

*Name and product designation of respective manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
DAETWYLER**															
unilan RJ45 coupling CAT6 417 446	x	x	x	x											
unilan module KS 1 / 8 CAT6 RJ45 418 050	x	x	x	x											
unilan module KS 1 / 8 CAT5e RJ45 418 051	x	x	x	x											
unilan module KST 1 / 8 toolless CAT6 RJ45 418 053	x	x	x	x											
unilan module KU 1 / 8 CAT6 418 080	x	x	x	x											
unilan module KU 1 / 8 CAT6 418 081	x	x	x	x											
unilan module KU 1 / 8 CAT5e 418 082	x	x	x	x											
unilan module KU 1 / 8 CAT5e 418 083	x	x	x	x											
unilan® module PS-GG45 7A 1000 MHz 400 102 + 400 103****		x		x											
unilan® module KS-T 6A 1/8 tool-less cat. 6A/EA shielded 418 060	x	x	x	x											
unilan® module KS-TS 6 1/8 tool-less slimline cat.6/EA shielded 418 054	x	x	x	x											
unilan® RJ45 Keystone coupler CAT6 / 418 057	x	x	x	x											
unilan® module KS-T5 1/8 tool-less cat. 5e shielded / 418 055	x	x	x	x											
unilan® RJ45 module MS-K 1/8 cat.6a shielded - modular solution 440 001	x	x	x	x											
unilan® module MS-K Plus 1/8 cat. 6A shielded 440 004	x	x	x	x											
unilan MS 1 / 8 CAT6 RJ45					x	x									
unilan RJ45 feedthrough coupling CAT6					x	x									
unilan MU 1 / 8 CAT6 RJ45					x	x									
unilan PS 1 / 8 CAT7												x	x		
	x	x	x	x											
EFB ECOLAN*															
E-20050	x	x	x	x											
E-20051	x	x	x	x											
E-20060	x	x	x	x											
E-20061	x	x	x	x											
37.486.1	x	x	x	x											
37.488.1	x	x	x	x											
37.508.2	x	x	x	x											
		x		x											
ERSYS*															
CAT5C-SIJ-FKey-002		x		x											
Ersys 356k-8c5e		x		x											
Ersys 628MC-8-C5E		x		x											
	x	x	x	x											
GIGAMEDIA*															
RJ45 CAT6 UTP / STP	x	x	x	x											
RJ45 CAT6 contacts 110 UTP / STP	x	x	x	x											
RJ45 CAT5e UTP / STP	x	x	x	x											
3M*															
Volition RJ45 K6 module without shielding cover*		x		x											

*Name and product designation of respective manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
KERPEN*															
Eline 250 MLS RJ45 shielded	x	x	x	x											
Eline 250 MLS RJ45 unshielded	x	x	x	x											
ELine 600® GG45 socket / 9ZE20001	x	x	x	x											
VarioKeystone socket module RJ45					x	x									
	x	x	x	x											
NEXANS* (can only be fitted with additional Keystone clip)															
LANmark-5 snap-in EVO									x	x					
LANmark-6 EVO RJ45 snap-in									x	x					
LANmark-6 10G snap-in									x	x					
LANmark-7 GG45 snap-in									x	x					
					x	x									
Panduit*															
Mini-Com® Mini-Jack™ category 3 UTP jack modules														x	
Mini-Com® TX5e™ keyed shielded jack modules														x	
Mini-Com® category 6 UTP coupler module														x	
Reichle de Masari*															
RDM CAT6															x
RUTENBECK*															
UM-real.cat.6a A	x	x	x	x											
	x	x	x	x											
SETEC*															
CAT6 modular Keystone jack shielded	x	x	x	x											
SeSix eXtra Keystone jack XKJ	x	x	x	x											
SeSix universal Keystone jack UKJ	x	x	x	x											
SeSix modular Keystone jack MKJ	x	x	x	x											
SYSTIMAX*															
MGS500 CAT6 series							x								
MGS400 series							x								
								x							
TELEGÄRTNER*															
AMJ module K CAT6+	x	x													
AMJ coupling K CAT6	x	x													
AMJ coupling K CAT5e	x	x													
	x	x	x	x											
TKM*															
RJ-MOD - cat. 6 / 4677682	x	x	x	x											
GG45 / 4677701 (can be fitted with Keystone clip)	x	x	x	x											

*Name and product designation of respective manufacturer

Video and audio modules

See the glossary for detailed information on use/application

Front Rear

Art. no. | Version

Custom module 1 x VGA + mini stereo jack — **Black**

917.045

- Front: VGA socket and mini stereo jack
- Rear: VGA socket and mini stereo jack with approx. 0.1 m cable
- Requires approx. 70 mm installation depth

Custom module 1 x VGA + mini stereo jack — **Black**

917.071

- Front: VGA socket and mini stereo jack
- Rear: 10-pole (VGA) and 3-pole (stereo) screw terminal
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + mini stereo jack — **White**

917.160

- Front: VGA socket and mini stereo jack
- Rear: 10-pole (VGA) and 3-pole (stereo) screw terminal
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + mini stereo jack — **Black**

917.073

- Front: VGA socket and mini stereo jack
- Rear: 5 x BNC socket with approx. 0.3 m cable (VGA) and 3-pole (stereo)
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + mini stereo jack — **Black**

917.150

- Front: VGA socket and mini stereo jack
- Rear: VGA + mini stereo jack socket, each with approx. 0.2 m cable
- Requires approx. 50 mm installation depth

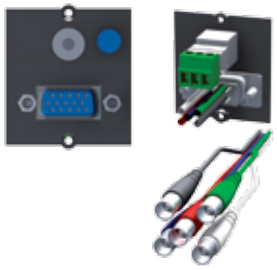
Custom module 1 x VGA + mini stereo jack and button for MediaNet switch — **Black**

917.134

- Front: VGA socket and mini stereo jack + button, blue illuminated
- Rear: VGA socket and mini stereo jack with approx. 0.1 m cable + RJ12 socket for button
- Requires approx. 70 mm installation depth

FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

All modules are supplied with 2 Torx T6 screws. For suitable cables see the Accessories section

Art. no.	Version	Front / Rear
Custom module 1 x VGA + mini stereo jack and button for MediaNet switch	**Black**	
917.074	· Front: VGA socket and mini stereo jack + button, blue illuminated · Rear: 10-pole (VGA) and 3-pole (stereo) screw terminal + micro clamp terminal (button) · Requires approx. 50 mm installation depth	
Custom module 1 x VGA + mini stereo jack and button for MediaNet switch	**Black**	
917.077	· Front: VGA socket and mini stereo jack + button, blue illuminated · Rear: 5 x BNC socket with approx. 0.3 m cable (VGA) and 3-pole (stereo) + micro clamp terminal (button) · Requires approx. 50 mm installation depth	
Custom module 1 x VGA	**Black**	
917.011	· Front: VGA socket · Rear: VGA socket · Requires approx. 70 mm installation depth	
Custom module 1 x VGA	**Black**	
917.069	· Front: VGA socket · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth	
Custom module 1 x VGA	**Black**	
917.070	· Front: VGA socket · Rear: 5 x BNC socket with approx. 0.3 m cable (VGA) · Requires approx. 35 mm installation depth	
Custom module 1 x VGA	**Black**	
917.072	· Front: VGA plug · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth	

■ FACILITY SYSTEMS ■ IT RACK PANEL ■ ELECTRICAL INSTALLATIONS

Video and audio modules

See the glossary for detailed information on use/application

Front	Rear	Art. no.	Version
		Custom module 1 x DVI-I + mini stereo jack	**Black**
		917.021	· Front: DVI-I socket and mini stereo jack · Rear: DVI-I socket and mini stereo jack, each with approx. 0.1 m cable · Requires approx. 75 mm installation depth
		Custom module 1 x DVI-I	**Black**
		917.078	· Front: DVI-I socket · Rear: DVI-I socket with approx. 0.1 m cable · Requires approx. 75 mm installation depth
		Custom module 1 x HDMI Keystone	**Black**
		918.040	· Front: HDMI socket · Rear: HDMI socket, without cable · Fits into Keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
		Custom module 1 x HDMI	**Black**
		917.143	· Front: HDMI socket · Rear: 2 x 9-pole screw terminal (HDMI) · Requires approx. 40 mm installation depth
		Custom module 1 x HDMI	**White**
		917.183	· Front: HDMI socket · Rear: 2 x 9-pole screw terminal (HDMI) · Requires approx. 40 mm installation depth
		Custom module 1 x display port	**Black**
		917.145	· Front: Display port socket · Rear: Display port socket, without cable · Requires approx. 70 mm installation depth

FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

Video and audio modules

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Module 1 x video + Cinch stereo BVM-1	**Black**		
917.026	· Front: Cinch video (yellow) + Cinch stereo (red + white) socket · Rear: Cinch socket without cable		
Custom module 1 x Cinch video + stereo	**Black**		
917.085	· Front: Cinch video (yellow) + Cinch stereo (red + white) socket · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth		
Custom module 1 x Cinch video + stereo	**White**		
917.161	· Front: Cinch video (yellow) + Cinch stereo (red + white) socket · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth		
Module 1 x VBNC + Cinch stereo	**Black**		
917.027	· Front: BNC video (yellow) + Cinch stereo (red + white) socket · Rear: BNC + Cinch socket without cable		
Module 1 x S-video + Cinch stereo	**Black**		
917.028	· Front: S-video (S-VHS) + Cinch stereo (red + white) socket · Rear: S-video + Cinch socket without cable		
Custom module 1 x S-video + Cinch stereo	**Black**		
917.081	· Front: S-video + Cinch stereo (red + white) socket · Rear: 4-pole (S-video) + 3-pole (stereo) screw terminal · Requires approx. 30 mm installation depth		
Custom module 1 x S-video + Cinch stereo	**White**		
917.162	· Front: S-video + Cinch stereo (red + white) socket · Rear: 4-pole (S-video) + 3-pole (stereo) screw terminal · Requires approx. 30 mm installation depth		

■ FACILITY SYSTEMS ■ IT RACK PANEL ■ ELECTRICAL INSTALLATIONS

Video and audio modules

See the glossary for detailed information on use/application

Front Rear

Art. no. | Version

Module 1 x S-video + Cinch stereo — **Black**

917.035
- Front: S-video socket (S-VHS) + Cinch video socket (yellow)
- Rear: S-video + video socket without cable

Custom module 1 x S-video + Cinch video — **Black**

917.083
- Front: S-video + Cinch video socket (yellow)
- Rear: 4-pole screw terminal (S-video) + approx. 0,3 m cable with 2 x BNC (stereo)
- Requires approx. 30 mm installation depth

Custom module 1 x BNC R / G / B — **Black**

917.088
- Front: BNC R / G / B socket (red / green / blue)
- Rear: 6-pole screw terminal
- Requires approx. 30 mm installation depth

Custom module 1 x BNC R / G / B — **Black**

917.090
- Front: BNC R / G / B socket (red / green / blue)
- Rear: BNC R / G / B socket (red / green / blue)
- Requires approx. 65 mm installation depth

Custom module 1 x sat / TV / radio — **Black**

917.030
- Front: F-plug connector (sat) and 2 x coax (TV + radio)
- Rear: F-plug connector (sat) and 2 x coax (TV + radio)
- Requires approx. 50 mm installation depth

Custom module 1 x TV / radio — **Black**

917.117
- Front: 2 x COAX (TV + radio)
- Rear: 2 x COAX (TV + radio)
- Requires approx. 50 mm installation depth

Custom module 1 x Cinch stereo — **Black**

917.022
- Front: Cinch stereo socket (red + white)
- Rear: Cinch stereo socket (red + white) without cable
- Requires approx. 55 mm installation depth

FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

Video and audio modules

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Custom module 1 x Cinch stereo	**Black**		
917.089	· Front: Cinch stereo socket (red + white) · Rear: 3-pole screw terminal (stereo) · Requires approx. 35 mm installation depth		
Custom module 1 x Cinch stereo	**White**		
917.163	· Front: Cinch stereo socket (red + white) · Rear: 3-pole screw terminal (stereo) · Requires approx. 35 mm installation depth		
Custom module 1 x mini stereo jack 3.5 mm	**Black**		
917.023	· Front: 3.5 mm mini stereo jack socket (red + white) · Rear: Cinch stereo socket (red + white) · Requires approx. 65 mm installation depth		
Custom module 1 x mini stereo jack 3.5 mm Keystone	**Black**		
917.157	· Front: 3.5 mm mini stereo jack socket · Rear: Mini stereo jack socket with approx. 0.1 m cable · Fits into Keystone frame 917.000 or 917.001 · Requires approx. 65 mm installation depth		
Custom module 1 x mini stereo jack 3.5 mm	**Black**		
917.091	· Front: 3.5 mm mini stereo jack socket · Rear: 3-pole screw terminal · Requires approx. 35 mm installation depth		
Custom module 1 x mini stereo jack 3.5 mm	**White**		
917.164	· Front: 3.5 mm mini stereo jack socket · Rear: 3-pole screw terminal · Requires approx. 35 mm installation depth		
Custom module 1 x mini stereo jack 6.3 mm stereo	**Black**		
917.036	· Front: 6.3 mm stereo jack socket · Rear: Cable approx. 0.1 m with jack socket 6.3 mm · Requires approx. 65 mm installation depth		

■ FACILITY SYSTEMS ■ IT RACK PANEL ■ ELECTRICAL INSTALLATIONS

Audio modules

See the glossary for detailed information on use/application

Front	Rear	Art. no.	Version	
		Custom module 1 x XLR microphone 3-pole		**Black**
		917.024	· Front: XLR 3-pole microphone socket · Rear: Cable approx. 0.1 m with XLR plug 3-pole · Requires approx. 65 mm installation depth	
		Custom module 1 x XLR socket 3-pole		**Black**
		917.096	· Front: XLR 3-pole socket · Rear: 3-pole screw terminal · Requires approx. 40 mm installation depth	
		Custom module 1 x XLR socket 3-pole		**White**
		917.165	· Front: XLR 3-pole socket · Rear: 3-pole screw terminal · Requires approx. 40 mm installation depth	
		Custom module 1 x XLR socket 4-pole		**Black**
		917.099	· Front: XLR 4-pole socket · Rear: 4-pole screw terminal · Requires approx. 40 mm installation depth	
		Custom module 1 x XLR socket 5-pole		**Black**
		917.101	· Front: XLR 5-pole socket · Rear: 5-pole screw terminal · Requires approx. 40 mm installation depth	
		Custom module 1 x XLR plug 3-pole		**Black**
		917.095	· Front: XLR 3-pole plug · Rear: 3-pole screw terminal · Requires approx. 40 mm installation depth	
		Custom module 1 x XLR plug 4-pole		**Black**
		917.098	· Front: XLR 4-pole plug · Rear: 4-pole screw terminal · Requires approx. 40 mm installation depth	

FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

Audio modules

See the glossary for detailed information on use/application

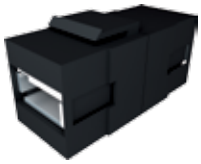
Art. no.	Version	Front	Rear
Custom module 1 x XLR plug 5-pole	**Black**		
917.100	· Front: XLR 5-pole plug · Rear: 5-pole screw terminal · Requires approx. 40 mm installation depth		
Custom module Combo series 1 x XLR socket 3-pole + 1 x 6.3 mm jack socket	**Black**		
917.094	· Front: XLR socket 3-pole + 6.3 mm stereo jack socket · Rear: 2 x 3-pole screw terminal · Requires approx. 40 mm installation depth		
Custom module 1 x Speakon 2-pole + stereo jack 6.3 mm stereo	**Black**		
917.102	· Front: Speakon socket + 6.3 mm stereo jack · Rear: Screw terminal · Requires approx. 50 mm installation depth		
Custom module 1 x Speakon 4-pole	**Black**		
917.110	· Front: Speakon 4-pole socket · Rear: Screw terminal · Requires approx. 40 mm installation depth		
Custom module 1 x loudspeaker connection stereo	**Black**		
917.114	· Front: Stereo loudspeaker connection (red + white) · Rear: Screw terminal · Requires approx. 30 mm installation depth		

Data transmission

See the glossary for detailed information on use/application

Front Rear

Art. no. | Version



Custom module 1 x USB 3.0 A / A Keystone — **Black**

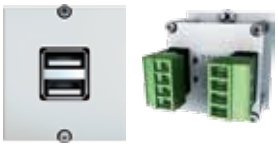
917.120

- Front: USB A socket
- Rear: USB A socket
- Fits into Keystone frame 917.000 or 917.001 (see page 72)
- Requires approx. 85 mm installation depth

Custom module 2 x USB 2.0 A / A Keystone — **Black**

917.141

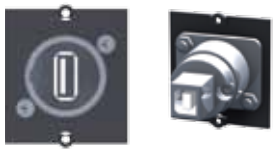
- Front: 2 x USB A socket
- Rear: 2 x 4-pole screw terminal
- Requires approx. 40 mm installation depth



Custom module 2 x USB 2.0 A / A — **White**

917.182

- Front: 2 x USB A socket
- Rear: 2 x 4-pole screw terminal
- Requires approx. 40 mm installation depth



Custom module 1 x USB 2.0 A / B — **Black**

917.018

- Front: USB A socket
- Rear: USB B socket
- Requires approx. 85 mm installation depth

Custom module 1 x USB 2.0 B / A — **Black**

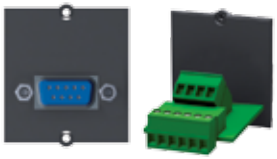
917.019

- Front: USB B socket
- Rear: USB A socket
- Requires approx. 85 mm installation depth

Custom module 1 x FireWire — **Black**

917.037

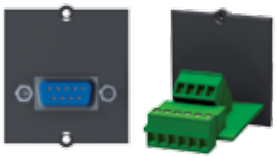
- Front: FireWire 6-pole socket
- Rear: FireWire 6-pole socket
- Requires approx. 85 mm installation depth



Custom module RS232 socket — **Black**

917.075

- Front: RS232 SubD 9-pole socket
- Rear: 9-pole screw terminal
- Requires approx. 40 mm installation depth



Custom module RS232 plug — **Black**

917.076

- Front: RS232 SubD 9-pole plug
- Rear: 9-pole screw terminal
- Requires approx. 40 mm installation depth

FACILITY SYSTEMS IT RACK PANEL ELECTRICAL INSTALLATIONS

Data transmission

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Custom module 1 x RS232 socket	**Black**		
917.012	· Front: RS232 SubD 9-pole socket · Rear: RS232 SubD 9-pole socket · Requires approx. 70 mm installation depth		
Custom module 1 x RS232 crossover socket	**Black**		
917.116	· Front: RS232 SubD 9-pole socket · Rear: RS232 SubD 9-pole crossover plug (crossed) · Requires approx. 70 mm installation depth		
Custom module PS2 mouse + keyboard	**Black**		
917.031	· Front: 2 x MiniDIN 6-pole socket (mouse - mint green; keyboard - purple) · Rear: 2 x MiniDIN 6-pole socket (mouse - mint green; keyboard - purple) · Requires approx. 50 mm installation depth		

Power transmission

Art. no.	Version		
Custom module Power Con blue (power input)	**Black**		
917.112	· Front: Power Con socket, blue · Rear: Screw terminal, incl. 2 crimp sleeves and cover cap · Requires approx. 40 mm installation depth		
Custom module Power Con grey (power output)	**Black**		
917.113	· Front: Power Con socket, grey · Rear: Screw terminal, incl. 2 crimp sleeves and cover cap · Requires approx. 40 mm installation depth		

Control

See the glossary for detailed information on use/application

Front Rear

Art. no. | Version

Custom module with stainless steel button — **Black**

917.046

- Front: Stainless steel button; switching capacity: 50 mA/24 V/DC;
- Rear: 2-pole screw terminal
- Requires approx. 30 mm installation depth

Custom module with stainless steel button, blue illuminated — **Black**

917.047

- Front: Stainless steel button, blue illuminated (ring illuminated); switching capacity: 50 mA/24 V/DC
- Rear: 4-pole solder pins
- Requires approx. 30 mm installation depth

Custom module with automatic switchoff button — **Black**

917.060

- Front: Button, black;
- Rear: GST15i2 connector with approx. 1.0 m cable (suitable for power strips with automatic switchoff device, e.g. STEP switchoff device 906.005
- Requires approx. 40 mm installation depth

Custom module with button — **Black**

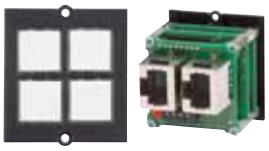
917.152

- Front: On/Off switch
- Rear: Approx. 1.0 m 3G 1.0 mm² cable with end sleeves (labelled)
- Requires approx. 60 mm installation depth

Custom module with switch (to control external devices) — **Black**

917.135

- Front: 2-pole rocker switch, green
- Rear: Approx. 1.0 m H05VV-F 4G 1.50 mm² cable with end sleeves (labelled)
- Requires approx. 60 mm installation depth



Custom module with 4-key keypad for MediaNet control unit — **Black**

917.127

- Front: 4 buttons, white, blue illuminated
- Rear: 2 x RJ45 sockets for connecting to media controller and linking to further modules of the same type
- Requires approx. 30 mm installation depth
- Note: cannot be used in electrical installations.

Custom module with 4-key keypad for KNX application — **Black**

917.056

- Front: 4 buttons, white, blue illuminated, with various pictograms for labelling programmable on KNX installations; with integrated bus coupler; supply voltage: System voltage 30 V DC via bus push-in terminal;
- Rear: Bus push-in terminal, 2-pole
- Requires approx. 35 mm installation depth

Custom module with 4-key keypad for EnOcean application — **Black**

917.093

- Front: 4 buttons, white, blue illuminated, with various pictograms for labelling programmable on EnOcean applications; with built-in radio module, battery buffered;
- Requires approx. 35 mm installation depth

■ FACILITY SYSTEMS ■ IT RACK PANEL ■ ELECTRICAL INSTALLATIONS

Accessories

See the glossary for detailed information on use/application

Art. no.	Version
Custom module blank cover	**Black**
917.009	· Blank cover as place holder or for you to mount your own connector · Material: Plastic, black, thickness 1.8 mm

Custom module blank cover	**White**
917.166	· Blank cover as place holder or for you to mount your own connector · Material: Plastic, white, thickness 1.8 mm

Custom module blank cover with screw dome	**Black**
917.010	· Blank cover as place holder or for you to mount your own connector · Screw dome on rear side of module for fixing e.g. of boards or blank holders · Material: Plastic, black, thickness 1.8 mm

Custom module blank cover with screw dome	**White**
917.167	· Blank cover as place holder or for you to mount your own connector · Screw dome on rear side of module for fixing e.g. of boards or blank holders · Material: Plastic, white, thickness 1.8 mm

Screws Torx T6 for custom modules in facility power strips	**Black**
917.041	· Designed for 10 screwing cycles; contents: 10 pcs in colour black

Screws Torx T6 for custom modules in electrical installations (mounting plate) and 10" + 19" panels	**Black**
917.111	· Designed for 10 screwing cycles; contents: 10 pcs in colour black

Torx T6 screwdriver	**Black**
917.040	· Torx T6 screwdriver to fit the screws on the custom modules

Media technology

Bachmann media technology systems provide a flexible and elegant solution for custom media management in conference and training rooms. From simply switching between image and sound signals to a complete central control of all media, this solution can be tailored to the needs of every user.

With its modern components, including control elements from the global market leader AMX® – plus all connecting systems, Bachmann media technology systems offer all that is required for any application. Thanks to its modular construction and intelligent cabling, the system can be quickly installed or adapted to specific requirements.

The flexibility of Bachmann complete solutions is complemented by their elegance. Regardless of how complex the Bachmann media technology system configuration is, it can be integrated seamlessly into the Bachmann facility systems.

Media Express

Plug & play technology for simplicity and efficiency.

The Bachmann media technology Media Express system lets you easily switch between different video and sound signals and is already integrated into the connection panels of the Bachmann Facility product ranges. In addition to switching between image and sound signals, Media Express also extends the network connection to each user.

Media Switch

Flexible and reliable thanks to high-quality components.

The Media Switch (Amx® inside) allows simple routing of image and sound signals from multiple users to various output devices such as projectors or monitors. All these elements can be combined with existing Bachmann facility products.

Media Control

Simple control of complex processes in media and facility applications.

The Media Control (Amx® inside) system uses control units to govern the various media from a central point. This makes it possible to activate various processes in a meeting or conference environment at the touch of a button on the Bachmann connection panel. The system is very user-friendly and easy for visitors to grasp quickly.

Media Express –

Plug & play technology for simplicity and efficiency.

Problem-free

Media Express is the solution for simple switching between image and sound signals. This system is already integrated in the connection panels of the Bachmann facility product ranges. In addition to switching between signals, it gives a network connection to each user.

With Media Express the individual connection panels are linked in a series known as a 'daisy chain'. This chain requires only one cable set with 3 connections. Connections are inserted into the connection panels on a plug-and-play basis. No programming of the units is necessary and the sequence of the connection units can be freely selected. The system initialises itself and can be used immediately.

Flexible switching

The signal-switching function enables image and sound signals to be sent from the connection panel to a beamer, projector or monitor screen. Authorisation to transmit the user's image and sound signal is activated by means of a dedicated button. An LED on the button indicates activation.

For image transmission the common 15-pole VGA sub-D system is provided on the front of the connection panel. This allows laptops to be connected easily using VGA connector cables. Of particularly practical benefit, no additional signal booster is necessary as this is integrated into the feeder box. This assures problem-free image transmission (so long as the maximum number of users and cable length are observed). The system can be built with a single infeed.

Up to 6 connection panels can be linked via connector cables. No central switching box is required. Projectors or monitors can be connected directly to the feeder box.

Simplicity of linking

Connection to the network requires only one access point (via the feeder cable). Two RJ45 LAN ports with signal boosting on each connection panel allow laptops to be connected. Thus the network is linked from one user to the next via the connector cable. The built-in network switch is designed for 10 / 100 Mbit and is sufficient, depending on the specific installation, for up to 6 participants.

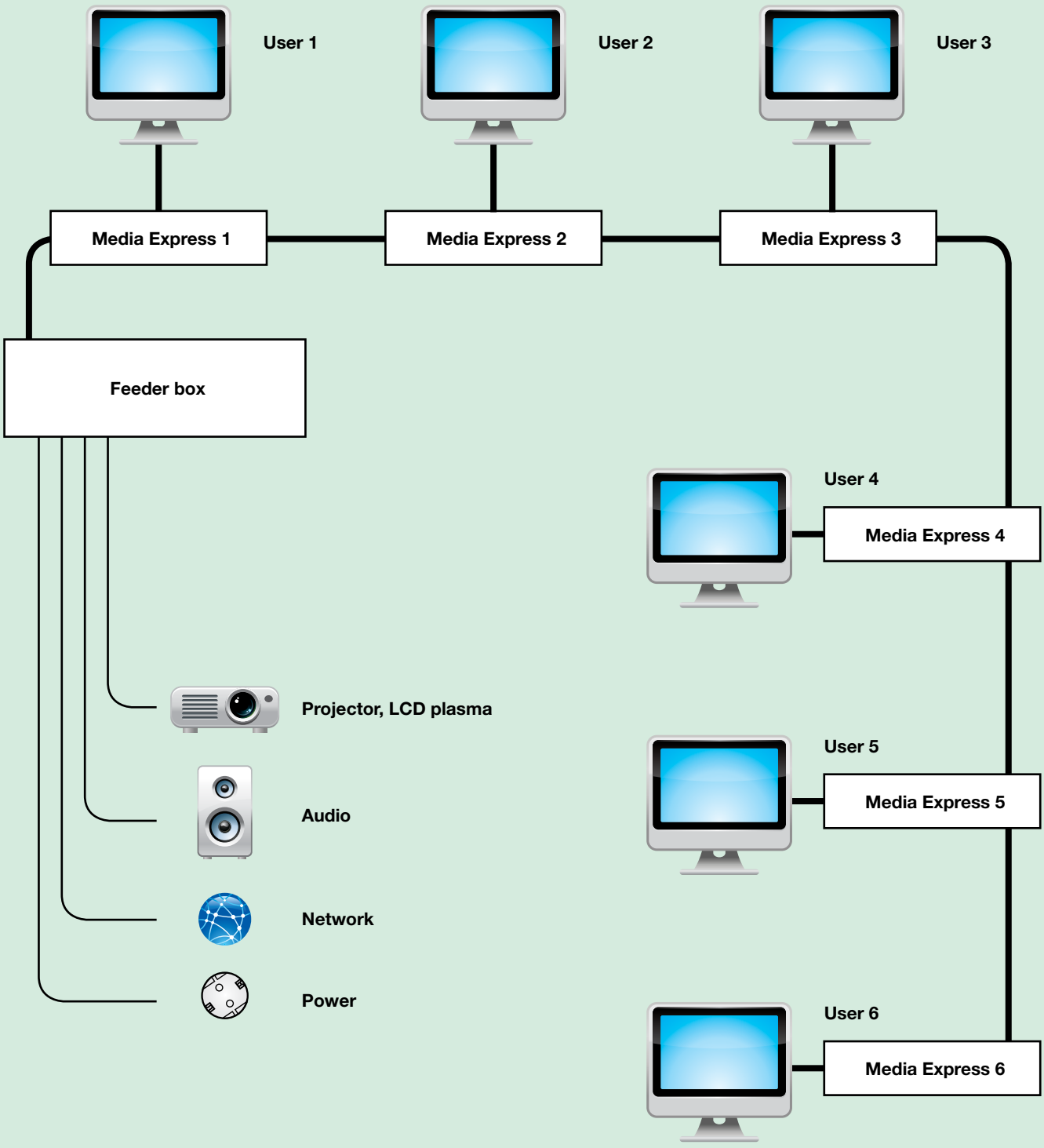
Feeder box

The system structure requires the use of a feeder box. This box provides the link between the connection panels and the output devices (projector, audio, network etc.).

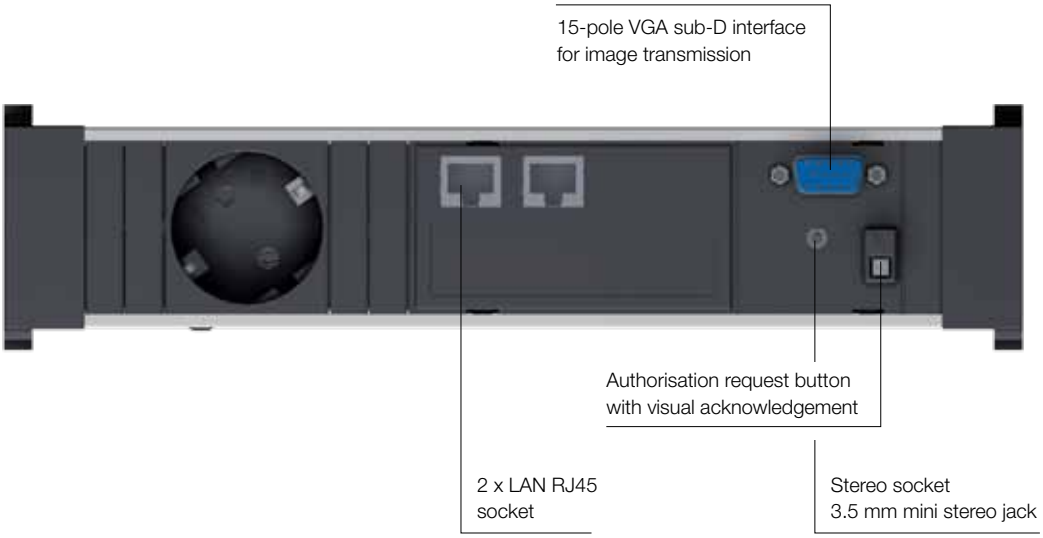
The benefits at a glance

- Simple plug-and-play principle
- Electronics already integrated in the connection panel
- Available for most Bachmann Facility systems
- Pre-cabled
- Image, sound and network forwarding
- Simple, decentralised signal switching
- Compact and space-saving unit

Configuration information and lists of applications are available at **www.bachmann.com**.
Should you have any questions concerning your project, contact us at **media@bachmann.com**.


User 1
User 2
User 3
Media Express 1
Media Express 2
Media Express 3
Feeder box
User 4
Media Express 4
Projector, LCD plasma
User 5
Audio
Media Express 5
Network
Power
User 6
Media Express 6

Overview of Media Express connections



Technical data for Media Express:

Video/audio:

- Automatic hardware detection
- Input signal: – 0.7 Vss/75 ohm RGB, 5V H&V-sync, 1.8 Vss audio, 24 bit/96 kHz
  – VGA 15-pole sub-D plug
- Output signal: – 0.7 Vss/75 ohm RGB, 5V H&V-sync, 3.5 Vss audio, 24 bit/96 kHz
  – 26-pole sub-D socket
- Video bandwidth: (+/- 3dB) 300 MHz
- Resolution max: 1600 x 1024
- Transmission distance: 20 x MediaNet Express modules/cable length: max. 50 m total
- Audio: Stereo L/R

Connections:

- 1 x 15-pole VGA sub-D
- 1 x 3.5 mm mini stereo jack socket
- 2 x LAN RJ45 socket
- Sockets as per connection unit selected

Network:

- 2 x ports RJ45 10/100 Mbit
- CAT5 with LED (speed and active LED)

Power supply unit:

- 2.5 A; 18 V
- Max. current consumption per connection unit - 500 mA

Media Express

The Media Express unit can also be integrated into other Facility systems such as POWER FRAME and STEP. Please ask us for the configuration you require.

- Anodised aluminium profile, socket outlets, black, set at 35°
- Media Express
- Power input: GST18i3
- Power output: GST18i3

Art. no.	Version
1 x earthing contact, GST18i3, short (TOP FRAME, CONFERENCE)	**Length: approx. 260 mm**
1 x Media Express	
903.2000	· 1 socket outlet with earthing contact · 1 Media Express

3 x earthing contact, GST18i3, long (TOP FRAME, CONFERENCE)	**Length: approx. 444 mm** CUSTOM
1 x Media Express, 2 x custom modules	
903.2001	· 3 socket outlet with earthing contacts · 1 Media Express · 2 custom modules empty

2 x earthing contact, GST18i3 (CONI)	**Length: approx. 356 mm** CUSTOM
1 x Media Express, 1 x custom module	
903.3000	· 2 socket outlet with earthing contacts · 1 Media Express · 1 custom module empty

3 x earthing contact, GST18i3 (CONI)	**Length: approx. 356 mm**
1 x Media Express	
903.3001	· 3 socket outlet with earthing contacts · 1 Media Express

Media Express feeder box

Art. no.	Version
Media Express feeder box	
MediaNet Express system feeder box	
903.400	· Distribution of signals: – Image (D/V projector), 15-pole VGA sub-D to 26-pole sub-D – Sound (loudspeakers), stereo jack to 26-pole sub-D – Data (network), RJ45 to RJ45 – Signal authorisation on 26-pole sub-D – RS-232 interface for optional programming

Media Express feeder cable

· Feeder cable length 2.0 m
· The cable set is held together in a textile-fibre sleeve

Art. no.	Version
Media Express feeder cable	
Feeder cable to feeder box	
903.500	· 1 x 15-pole VGA plug / 26-pole sub-D socket · 1 x CAT6 patch cable plug / plug, shielded · 1 x power cable, right-angle earth contact plug and GST18i3 socket

Media Express connector cable

· Connecting cable, length 2.0 m
· The cable set is held together in a textile-fibre sleeve

Art. no.	Version
Media Express connector cable	
To link one connection unit to another	
903.600	· 1 x 26-pole sub-D (90° plug / 45° socket) · 1 x CAT6 patch cable plug / plug, shielded · 1 x power cable, Wieland GST18i3 plug and GST18i3 socket

Typical order for 4 presentation stations

Quantity	Art. no.	Name
4 x		Media Express unit of your choice (p. 97) (903.2000, 903.2001, 903.2000, 903.2001)

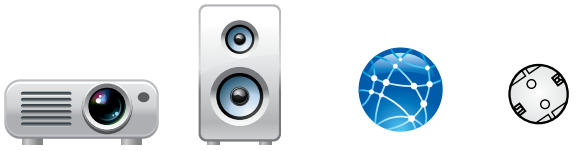
Media Express

Quantity	Art. no.	Name
1 x	903.400	MediaNet Express system feeder box
1 x	903.500	Feeder cable to feeder box

Feeder cable

Quantity	Art. no.	Name
3 x	903.600	Connecting cable to link one connection unit to another

Connector



Video projector **Audio** **Network** **Power**

Configuration information and lists of applications
are available at **www.bachmann.com**.
Should you have any questions concerning your project,
contact us at **media@bachmann.com**.

Media Switch –

Flexible and reliable thanks to high-quality components.

Easy to install

Today's meeting rooms are equipped such that the signal to an output device (projector etc.) can be switched between various sources. Key requirements are also ease of installation, ease of use and flexibility.
An exemplary solution to all these conditions is the MediaNet Switch system.

Problem-free

The control elements can be fitted into existing Bachmann facility products on a plug-and-play basis. Like all Bachmann media technology systems, Media Switch is also simple to plan, easy to install and straightforward to use. Multiple users can dock their laptops simultaneously via the multiple connection panels.

The VGA sockets on the connection panels allow e.g. presentations to be sent to the projector. As soon as a user presses the button on his/her connection panel, the switch selects the image signal on that panel/laptop. The connection to the switch /toggle switch is set up via a pre-prepared set of cables. Pressing the button issues a command to the switch /toggle switch to route the incoming image and sound signals to the projector and loudspeakers.

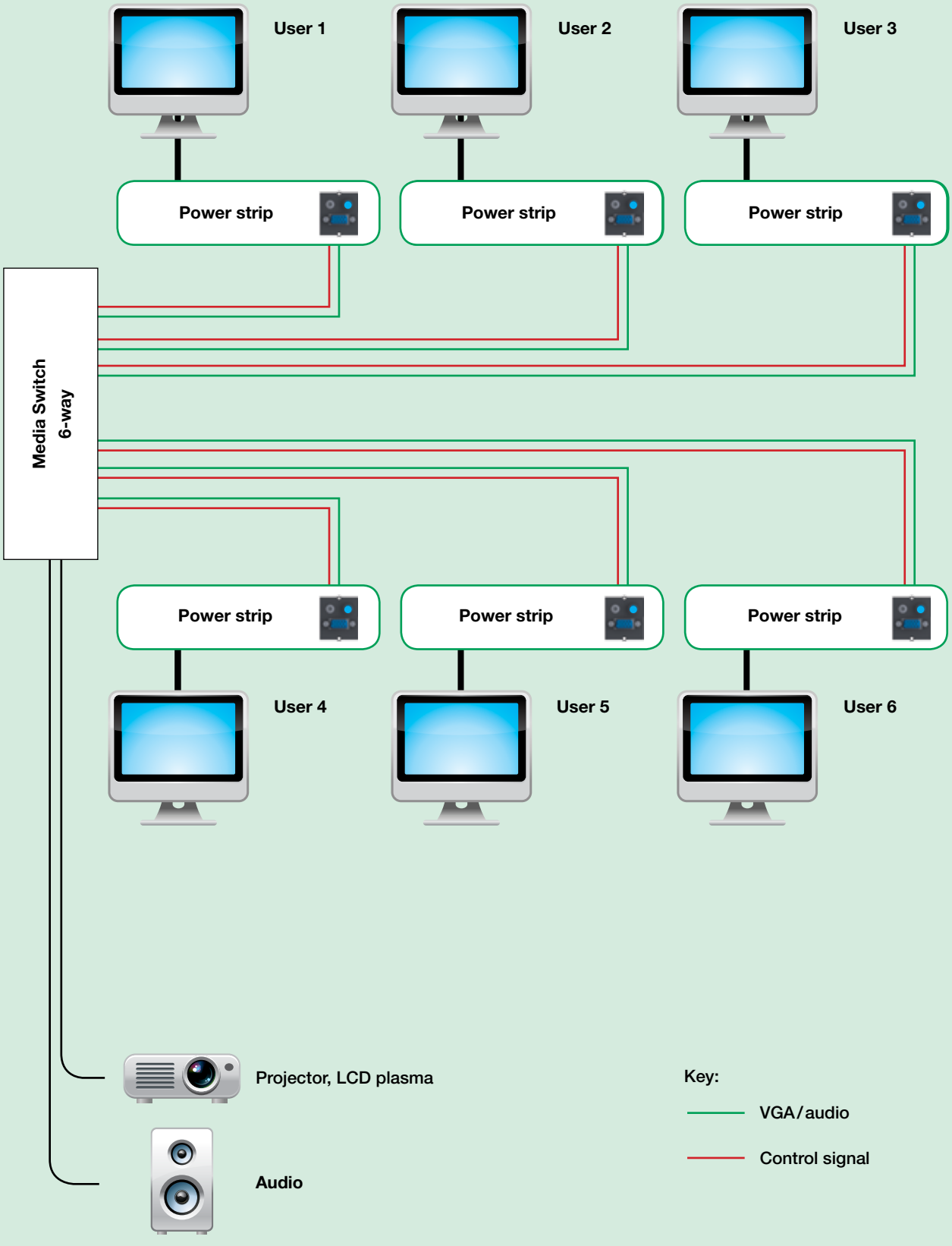
Signal booster

To ensure problem-free image signals, it is recommended that signal boosters are used with the MediaNet switch system. This enables image signals from devices with less powerful graphics cards to be transmitted with significantly better quality. The signal booster is fitted between each connection panel and the switch/toggle switch.

Switching is effected by pressing the button on a custom module with VGA and mini stereo jack on the connection panel. As soon as the button is pressed, the image and sound signals are routed to the switch/toggle switch. The button is illuminated blue until another user activates the button on his/her own connection panel to obtain signal authorisation.

The benefits at a glance

- Simple, low-cost signal switching
- Star configuration, ideal for small meeting rooms
- Plug-and-play inputs
- Decentralised switching: each user can request authorisation by pressing a button
- Several switches /toggle switches can be cascaded one after the next to expand the system for larger numbers of users
- Connects to all Bachmann Facility systems via built-in VGA, mini stereo jack and switch button connections (see art. no. 917.143)
- Pre-prepared cabling for connection between connection panel/signal booster and switch/toggle switch


User 1
User 2
User 3
Power strip
Power strip
Power strip
Media Switch
6-way
Power strip
Power strip
Power strip
User 4
User 5
User 6
Projector, LCD plasma
Audio
Key:
VGA/audio
Control signal

Switch/toggle switch

· Power supply: 9–12V DC 15W
· Supplied with power cable and operating instructions in German and English

For the switch/toggle switch **903.100** there is the option of connecting the custom module **917.134**:

1. Without acknowledgement of signal authorisation, i.e. button is not illuminated when authorisation is granted. The set with **signal authorisation 903.113** is used for this purpose (see page 114).

2. With acknowledgement of signal authorisation, i.e. button is illuminated blue when authorisation is granted. The set with **signal authorisation 903.112** is used for this purpose (see page 114).

Art. no.	Version
Switch/toggle switch	**L x W x H: 145 x 115 x 40 mm**
2 x VGA/audio input, 1 x VGA/audio output	
903.100	· RGB input /output: Analogue HD-15 (VGA) – Impedance 75 ohms / Max. signal level 1 V p-p – RGB bandwidth: 400 MHz -3 dB – RGB return loss: 45 dB@10 MHz, 27 dB@100 MHz – Adjacent input crosstalk: 73 dB@10 MHz, 50 dB@100 MHz · Audio input /output: Analogue 3.5 mm stereo/Max level 2V p-p

For the switch/toggle switch **903.101** there is the option of connecting the custom module **917.134** by means of the signal converter **903.112** (see page 114) with visual acknowledgement as button illumination.

Art. no.	Version
Switch/toggle switch	**L x W x H: 225 x 125 x 45 mm**
4 x VGA/audio input, 1 x VGA/audio output	
903.101	· RGB input /output: Analogue HD-15 (VGA) – Impedance 75 ohms / Max. signal level 1V p-p – RGB bandwidth: 350 MHz -3dB – RGB return loss: 45d B@10 MHz, 32 dB@100 MHz · Audio input /output: Analogue 3.5 mm stereo/Max level 2 V p-p

Suitable mountings on page 114

For the switch/toggle switch **903.102** there is the option of connecting the custom module **917.134** by means of the signal converter **903.112** (see page 114) with visual acknowledgement as button illumination.

Art. no.	Version
Switch/toggle switch	**L x W x H: 482 x 170 x 45 mm**
6 x VGA/audio input, 1 x VGA/audio output	
903.102	· RGB input /output: Analogue HD-15 (VGA) – Impedance 75 ohms / Max. signal level 1 V p-p – RGB bandwidth: 400 MHz -3 dB – RGB return loss: 45 dB@10 MHz, 2 dB@100 MHz · Audio input /output: Analogue 3.5 mm stereo/Max level 2 V p-p · Mounting for 19" fitting included

Suitable mountings on page 114

Signal booster

- Interference can sometimes occur, particularly with image transmission. This may be caused e.g. by lower-power graphics cards on the laptop or by long cable lengths
- To improve these image signals we recommend that each user uses a signal booster
- This provides optimum boosting of the signal and prevents interference when used by different users
- Additional output (VGA 15HD) allows an additional monitor to be connected
- Compact, easily-installed unit

Art. no.	Version
Signal booster VGA	**L x W x H: 150 x 70 x 35 mm**
1 x VGA input, 2 x VGA output	
903.104	· RGB input / output: Analogue HD-15 (VGA), – 1 x video IN / 2 x video OUT – Impedance 75 ohms / Max. signal level 1V p-p – Output gain 1.0 (unity) – RGB bandwidth: 400 MHz -3 dB – Power supply: 9V DC 3W · Supplied with power cable and operating instructions in German and English

Suitable mountings on page 114

Typical order for 4 presentation stations

Desk connection panel

Quantity	Art. no.	Name
4 x		Power strips from Bachmann facility systems with space for custom module
4 x	917.134	Custom module VGA, mini stereo jack and button for media switch

Signal booster

Quantity	Art. no.	Name
4 x	903.104	VGA signal booster
4 x	918.009	VGA connecting cable from power strip to signal booster
optional:		
4 x	918.023	Bracket

Switch

Quantity	Art. no.	Name
1 x	903.101	Switch 4-way VGA + audio
1 x	918.023	Bracket

Cabling

Quantity	Art. no.	Name
4 x	903.107-110	VGA + sound + authorisation cable set / own choice of length
1 x	903.112	2–6-way signal converter with acknowledgement

Video projector

Audio

Configuration information and lists of applications are available at **www.bachmann.com**.
Should you have any questions concerning your project, contact us at **media@bachmann.com**.

Media Control –

Simple control of complex processes in media and facility applications.

Central control

To control a variety of media from a central point, control units are used. This makes it possible to activate various processes in a meeting or conference environment at the touch of a button on the Bachmann connection panel. The system is very simple and easy for visitors to grasp quickly. The various procedures can be individually performed between the operator panel (in the connection panel) and the control unit.

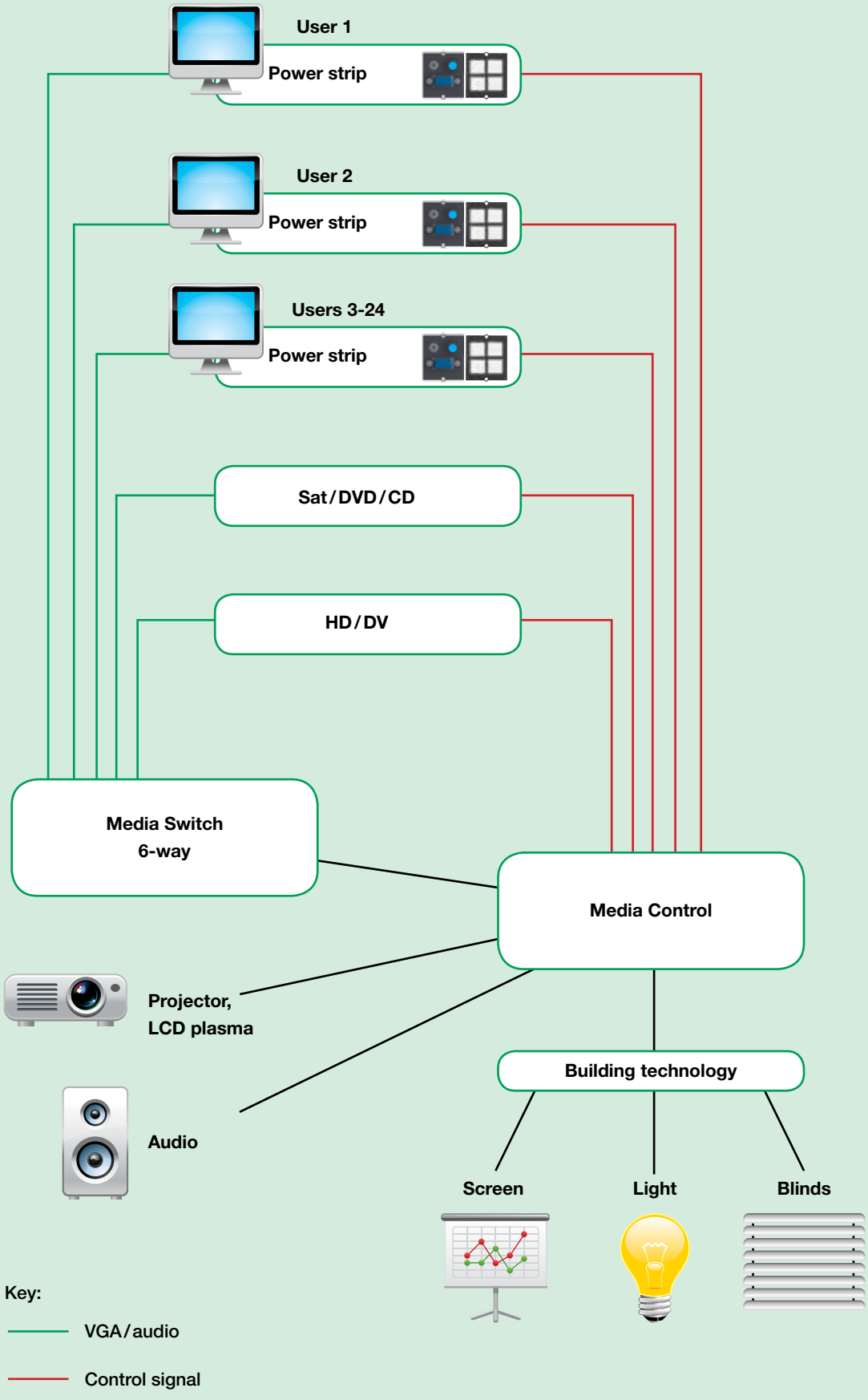
Simple to programme

Programming is very simple and can soon be achieved with the software provided and the instruction manual (German / English). Subsequent alterations or additions can also be entered without problems.

The control functions allow control of various media: e.g. projector, DVD, SAT, TV, projector screen, lighting, blinds etc.
The 2 built-in 230 V~ 10 A relays can be used for example to connect a screen directly to the control unit. This means that a power cable is sufficient for control.

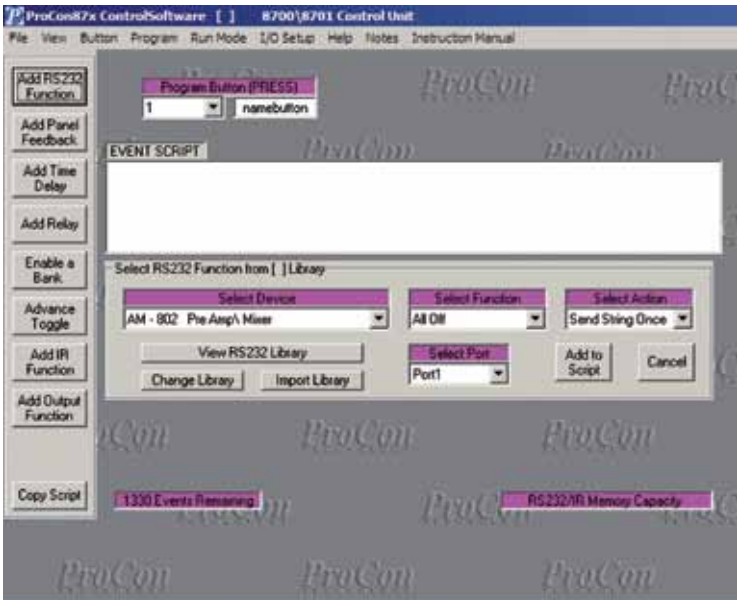
The benefits at a glance

- Central control of multiple media
- Very easy to use
- Simple to install and easy-to-learn programming
- Plug-and-play operation adapted to Bachmann connection panels
- Up to 6 button modules can be connected in series or 2 strings with additional modules can be programmed for up to 24 button commands
- Multiple buttons can be programmed on the control unit with the same command (thus also allowing decentralised control)
- Simple connection of button modules via standard RJ45 patch cables (plug / plug)
- 2 built-in relays, 230 V~ 10 A with 1 earthing contact coupling for direct connection
- Ready-to-connect unit with accessories (programming cable, IR transmitter)
- Can be retrofitted to existing systems
- Pre-programmed demo version on CD
- Basic programming can be reinstalled if necessary (from CD or download)
- If desired, programming (sequences, devices etc.) can be created and made available by Bachmann as an option


User 1
Power strip
User 2
Power strip
Users 3-24
Power strip
Sat/DVD/CD
HD/DV
Media Switch
6-way
Media Control
Projector,
LCD plasma
Audio
Building technology
Screen
Light
Blinds
Key:
VGA/audio
Control signal

Media control

The software supplied makes even complex procedures simple to programme.



Start programmed procedures by pressing button

Pictograms for other button functions are provided

Cascadable up to 6 button arrays with 24 procedures

Keypad on page 114

Suitable mountings on page 114

Media Control

- Memory: 8 Kb
- 2 x 230V~ relay 10A built-in
- 2 x RS-232 interface
  - Baud rate 1200–57 600
  - Data bits 7/8
  - Stop bits 1/2
  - Command string 1–22 bytes
- 2 x infrared interface PPM or PWM
  - PWM frequency 30–62 KHz
- Power connection: 100–240V~
- PSU, programming cable, 2 x infrared transmitters, programming software and operating instructions in German and English included

Art. no.	Version
Control unit	**L x W x H: 225 x 125 x 45 mm**
Control system with programming function	
903.105	· Control system with programming function · I/O port: External switch detect input

Control unit TCP/IP	**L x W x H: 225 x 125 x 45 mm**
Control system with programming function and TCP/IP interface	
903.106	· Control system with programming function and TCP/IP interface · Devices from different manufacturers can communicate via the network · I/O port: Input: External switch detect

Programming according to requirements	
Available for control units 903.105 and 903.106	
903.114	· Programming is undertaken by entering: – connected devices (manufacturer, type) – required procedures (max. 24 commands) · The file is sent via e-mail

Suitable mountings on page 114

Switch function

Combined source switch for 4 to 2 VGA, 6 to 2 S-video or CVBS and 10 to 2 stereo audio signals. In all cases the output signal is present on the two outputs at the same time.

Ideal for applications with multiple different signal sources - RGBHV, S-video, CVBS and audio. The 6 video inputs can be driven with either S-video or CVBS signals. A combination of both signal types is possible.

The 10 audio inputs are designed for unbalanced stereo audio signals. One output offers an unbalanced and the other a balanced stereo signal for further processing. The audio input signal levels and the volume of the audio outputs are adjustable. Sound and video can both be silenced (mute / blank).

Control function

The functions are controlled manually via the front operator panel or remotely via RS-232 from a button module on a connection panel. When operating the unit via RS-232 it is possible to switch audio and video inputs separately. A programmable RS-232 output port is also provided; this can be used to control displays or projectors.

Art. no.	Version
Presentation switch / toggle switch	**L x W x H: 150 x 70 x 35 mm**
4 x input / 2 x output VGA, 10 x input / 2 x output audio, 6 x input / 2 x output S-video	
903.103	· Inputs / signals: 4 x RGBHV, 6 x S-video / FBAS, 10 x stereo audio · Outputs: 2 of each (dual) · Bandwidth: 350 MHz · Stereo audio: unbalanced to balanced · Front operator panel and operation via RS-232 · RS-232 control output for connected reproducing equipment · Power supply: 100 – 240 V AC 15 W · Supplied with power cable and operating instructions in German and English · Includes mounting for 19" fitting

Suitable mountings on page 114

Typical order for 4 presentation stations

Quantity	Art. no.	Name
4 x		Power strips from Bachmann facility systems with space for custom module
4 x	917.134	Custom module VGA, mini stereo jack and button for media switch
1-6 x	917.127	Custom module button

Desk connection panel

Quantity	Art. no.	Name
4 x	903.104	VGA signal booster
4 x	918.009	VGA connecting cable from power strip to signal booster
optional:		
4 x	918.023	Bracket

Signal booster

Quantity	Art. no.	Name
1 x	903.101	Switch 4-way VGA + audio
1 x	918.023	Bracket

Switch

Quantity	Art. no.	Name
1 x	903.105	Control unit
1 x	903.111	Control unit converter

Control unit

Quantity	Art. no.	Name
1-6 x	918.006 - 008	Patch cable to connect custom module button 917.127

Cable output

Video projector

Audio

Screen

Light

Blinds

Configuration information and lists of applications are available at **www.bachmann.com**.
Should you have any questions concerning your project, contact us at **media@bachmann.com**.

Suitable mountings on page 114

Facility control modules

Pushbutton modules in the Bachmann custom-module format offer convenient control of light and blinds in open-plan and individual offices and in meeting and conference rooms.
The control module is installed within the user's easy reach on the desk connection panel at office workstations or in meeting rooms. Then the lighting and blinds settings can be controlled with ease from the user's seat. The increased convenience lets the user respond to changing environmental situations - and thus save energy.

KNX pushbutton module 4-way

The 4-way KNX pushbutton module is designed as a custom module and can be integrated into Bachmann Facility systems either by the manufacturer or retrospectively. Installation in rack and electrical installations is also possible with the custom module system.

Functions such as switching, dimming, storage of lighting scenes, blind control etc. can be programmed by specialist personnel using the standard ETS software. For this, specialist knowledge and in-depth KNX training is required.
Each button can be custom configured and labelled accordingly (common pictograms are supplied).
The blue illumination indicates the activity status.

This pushbutton module can be simply installed by KNX-trained personnel. The appropriate bus coupling is built into the module and can be simply connected to the bus cable by means of clips.

KNX / EIB 4-button custom module

Front:
· 4 x buttons, square, self-labelling, blue backlit, programmable on EIB/KNX installations
· With integral bus coupler and bus terminal (can be labelled with physical address)
· Supply voltage: System voltage 30 V DC via bus terminal
· Use: e.g. as buttons for controlling lighting, blinds etc.

Art. no.	Version
Micro clamp terminals	
917.056	Rear: · BUS plug-in terminals · Requires approx. 35 mm installation depth

EnOcean pushbutton module 4-way

The EnOcean pushbutton offers wireless control of e.g. lighting, blinds, projector screen etc. Installation is simple: The pushbutton module can be used in Bachmann desk connection panels with custom modules or in wall or trunking installations. The required control signals are transmitted wirelessly to the receiving device. Each button can be separately programmed. With EnOcean technology (868 MHz), interference is practically eliminated.

No cable installation is required for this module. Power is obtained from a built-in battery that will last for up to 1 million switching cycles.

If required the EnOcean pushbutton module can also be linked into the KNX building control system bus.

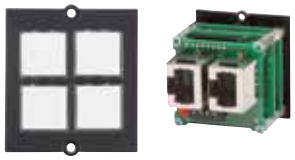
EnOcean 4-button custom module

Front:
- 4 x buttons, square, self-labelling, backlit blue
- Programmable on EnOcean applications
- Supply voltage: Radio module battery-backed
- Includes inserter with common pictograms
- Use: e.g. as buttons for controlling lighting, blinds etc.

Art. no.	Version
Micro clamp terminals	
917.093	Rear: · Includes battery · Requires approx. 35 mm installation depth

Custom modules

Art. no.	Version
Custom module VGA, mini stereo jack and button for media switch	
917.134	· Custom module to fit in Bachmann connection panels · 1 x VGA 15-pole socket / socket · 1 x 3.5 mm jack socket with approx. 0.1 m cable and 3.5 mm jack socket · 1 x button, blue illuminated, with approx. 0.1 m cable and RJ12 for controlling switch · Requires approx. 70 mm installation depth



Custom module with 4-key keyboard for MediaNet control unit	
Can be used in all facility systems	
917.127	· Custom module, can also be retrofitted · 4 buttons, white, blue illuminated, with various pictograms for labelling · Rear: 2 x RJ45 sockets for connecting to media controller and linking to further modules of the same type · Includes inserter with common pictograms · Requires approx. 80 mm installation depth

Patch cable plug / plug		
To connect custom module 917.127 to signal converter		
918.006	1.0 m	· End 1: RJ45 Hirose TM12 plug
918.007	3.0 m	· End 2: RJ45 Hirose TM12 plug
918.008	5.0 m	· Shielded

Signal converter Media

Art. no.	Version
2-way signal converter	
To implement the authorisation signals of each participant. Without visual acknowledgement on button.	
903.113	· Input: 2 x RJ12 socket · Output: 1 x 2-pole terminal for connection to switch · Only usable with 903.100 switch

For the switch / toggle switch 2 x, 4 x and 6 x VGA / audio, the custom module 917.134 is connected by means of the 2-6-way RS 232 signal converter (903.112) with visual acknowledgement as button illumination.

2-6-way signal converter	**L x B x H: 225 x 125 x 45 mm**
To implement the authorisation signals of each participant. With visual acknowledgement on button.	
903.112	· Input: 6 x RJ12 socket · Output: 1 x 9-pole RS-232 sub-D · With 1.0 m cable with push-in terminal to connect 2-pole terminal to switch · Includes PSU

Converter box	
For connecting an additional series of button modules	
903.111	· Media converter for connection to control unit · End 1: RS-232 · End 2: RJ45 · Includes PSU

Mounting for converter / control unit	
For fitting under the desk/tabletop	
918.023	· Mount for fitting under a desk/tabletop (see page 98)

Combi cables and extensions

Art. no.	Length	Version
VGA 15-pole HD extension cable		
1 x VGA		
918.009	1.0 m	· High-quality VGA cable to connect: – connection panel to laptop – connection panel to signal booster – signal booster to monitor / TV (optional) · End 1: 1 x 15-pole VGA HD plug · End 2: 1 x 15-pole VGA HD plug
940.047	3.0 m	
940.048	5.0 m	

1 x VGA, 1 x mini stereo jack		
918.066	1.0 m	· High-quality VGA cable to connect: – connection panel to laptop – connection panel to signal booster – signal booster to monitor / TV (optional) · End 1: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm · End 2: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm · Plug with metal housing and shielding
918.067	3.0 m	
918.068	5.0 m	
918.069	10.0 m	

Media combi cable		
1 x VGA, 1 x mini stereo jack, 1 x control signal		
903.107	1.0 m	· Professional high-quality VGA cable also with audio and control cable for switching the switch via the button in the custom module 917.134 · End 1: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm: 1 x RJ12 for button · End 2: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm: 1 x RJ12 for button · Plug with metal housing and shielding
903.108	3.0 m	
903.109	5.0 m	
903.110	10.0 m	

Accessories

Art. no.	Version
STEP BASE 3 x earthing contact, GST18i3	**Length: approx. 220 mm**
Power outlet for switch and control unit	
336.600	· Plastic profile, socket outlets black · 3 socket outlets with earthing contact, set at 35° · Power input: GST18i3 plug, power output: GST18i3 socket

LanLight® combines power, network connectivity, connections to media and even lighting in a modular, multifunctional system whose consistently modular construction lets you adapt and use it flexibly in office environments. The system creates order in providing the various connections required at the workplace, and so increases safety. With its clear design language and high quality materials it fits harmoniously and unobtrusively into its surroundings.

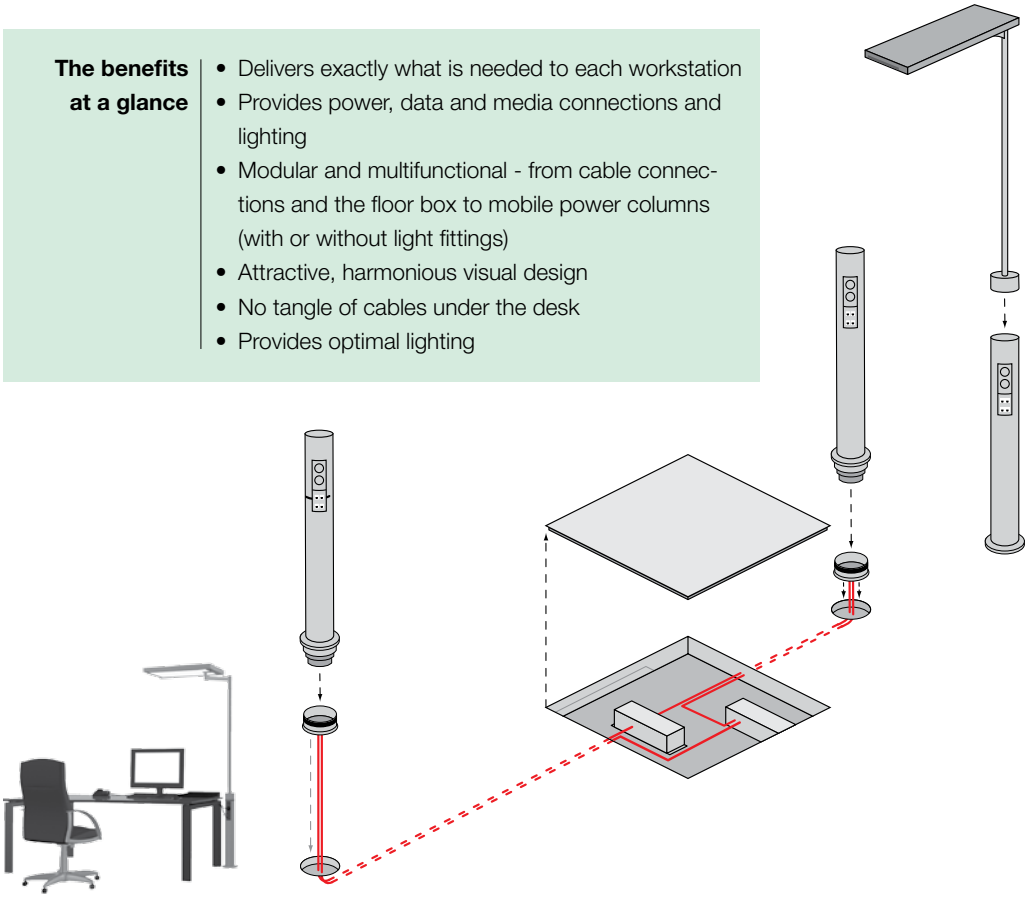
The LanLight® base module can accommodate a variety of module inserts. These include floor box inserts for all media - from earthing contact power outlets to HDMI sockets - that are also available fully pre-installed with tested connecting cables.

A special feature is the new type of self contacting used in the base LanLight® module with mobile power column, in which all connections are created by a single plugging action.

LanLight® fits into a hole of only 152 mm diameter. This ease of installation, together with its compact size and the functionality provided by the modular design mean that installations and energy consumers can be fitted only in those positions where they are really needed. Thus LanLight® can be installed to meet the exact requirements and is equally easy to remove. Benefit: during restructuring, individual system components are reused time and again and the usual provision of installations is no longer necessary.

The benefits at a glance

- Delivers exactly what is needed to each workstation
- Provides power, data and media connections and lighting
- Modular and multifunctional - from cable connections and the floor box to mobile power columns (with or without light fittings)
- Attractive, harmonious visual design
- No tangle of cables under the desk
- Provides optimal lighting



Used together with consolidation points, LanLight® can deliver power, data, media and lighting to practically any point in the room. The optimum cable length is up to 9 metres.

LanLight® is a trademark of Bierbrauer Hoff Planungsgesellschaft mbH

reddot design award
winner 2011

LanLight®

Modular installation solution offering flexible supply to office workstations

LanLight®
SMART SUPPLY SYSTEM

LanLight® offers ...

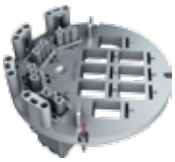
- a cable outlet
- a floor box with various inserts for a wide range of applications
- plug-in mobile power columns with two power circuits and up to eight data connections with self-contacting interface (mobile column)
- plug-in power columns with two power circuits and up to eight data connections with prepared patch cables
- a plug-in lighting module, one-sided, with lighting head that swivels on two axes
- a plug-in lighting module, two-sided, with lighting head that swivels

Basic unit 924.1016
Modular installation box

Floor outlet

No insert required

Floor box versions



Connection plate 924.4000
4 x power Wieland GST15i3
8 x Keystone mount

Earth contact connection plate 924.4002
2 x earth contact
4 x Keystone mount

Media connection plate 924.4003
3 x power Wieland GST15i3
3 x custom media module mount

Basis for patch versions

Patch column mount 924.1041
Cone for patch column

Basis for self-contact system

Connection plate 924.4005
Self-contact system
2 x power for max.
2 x data cable set 924.700

Data cable set 924.700
4 x Terra CAT7 jack, 6 m in length

Level 1

Level 2

LanLight® is a trademark of Bierbrauer Hoff Planungsgesellschaft mbH

Lift-off cap set 924.1038
for 5 mm or 8 mm floor coverings

Lift-off cap set

Lift-off cap set 924.1018
Stainless steel

Twist-off cover 924.1046
for floor coverings,
with water protection

Patch column 640 mm
924.5002: 2 x earth contact, 4 x CAT6$_a$ jack including 6 m supply cable
924.5003: 4 x earth contact, 8 x CAT6$_a$ jack including 6 m supply cable

Mini patch column 924.6000
150 mm, 2 x earth contact

Twist-off cover 924.1046
for floor coverings, with
water protection

Lift-off cap set
924.1040
for 5 mm or 8 mm
floor coverings

Lift-off cap set
Self-contact system

Lift-off cap set 924.1039
Stainless steel

Mobile column 640 mm
924.5000: 2 x earth contact, 4 x CAT6$_a$ 10Gbit
924.5001: 4 x earth contact, 8 x CAT6$_a$ 10Gbit

You can obtain lamps from our
LanLight® partner on request

Level 3

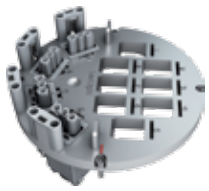
Lamps

Level 1: LanLight® basic unit

Art. no.	Version
Basic unit for all LanLight® components	
Modular installation box	
924.1016	· For fitting in raised and false floors · Fastening in round cut-out with 152 (+1) mm diameter · For floor thicknesses from 25 to 70 mm (min. floor thickness 35 mm for column versions) · Fixed using three clamping claw fasteners · Total height: 97 mm, installation depth: 93 mm, external diameter: 162 mm · Die-cast aluminium

Level 2: LanLight® inserts

Art. no.	Version
8P/4S connection plate with breakout cable and GST18i3 plug	
Connection plate for fitting in the LanLight® lift-off cap set	
924.4001	· To connect up to 4 Wieland GST15i3 sockets (power) and 8 data jacks (Keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · 4 x Wieland GST15i3 panel jack, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² supply cable connected to GST18i3 plug · For connecting up to 8 data jacks (Keystone) · Rear strain relief for power connections · Coded connecting points (data 1-8, power A-D) · Diameter: 114.8 mm



8P/4S connection plate for mains connection by client	
Connection plate for fitting in the LanLight® lift-off cap set	
924.4000	· To connect up to 4 Wieland GST15i3 sockets (power) and 8 data jacks (Keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · Coded connecting points (data 1-8, power A-D) · 4 x Wieland GST15i3 panel jack · Connecting up to 8 data jacks (Keystone) · Diameter: 114.8 mm

Earthing contact unit 4P/2S with breakout cable and GST18i3 plug	
Connection plate for fitting in the LanLight® lift-off cap set	
924.4009	· For connecting up to 4 data jacks (Keystone) · Rear strain relief for power connections integrated in housing · Coded connecting points (data 1-4, power A-B) · Incl. 2 x 0.2 m H05VV-F3G 2.5 mm² supply cable connected to GST18i3 plug · Diameter: 114.8 mm

Earth contact unit for 4P/2S connection plate for mains supply by client	
Connection plate for fitting in the LanLight® lift-off cap set	
924.4002	· To connect up to two phases to the earthing contact socket outlets · For connecting up to 4 data jacks (Keystone) · Rear strain relief for power connections integrated in housing · Coded connecting points (data 1-4, power A-B) · Diameter: 114.8 mm

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Art. no.	Version

Connection plate for 3 x custom modules and 3 x power with breakout cable and GST18i3 plug CUSTOM

Connection plate for fitting in the LanLight® cover guide

924.4004
- For connecting up to 3 Bachmann custom modules
- 3 x Wieland GST15i3 panel jack, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² supply cable connected to GST18i3 plug
- Rear strain relief for power connections
- Disengagement aid for Wieland GST15i3 plugs
- Coded connecting points (data 1-3, power A-C)
- Diameter: 114.8 mm

Media connection plate 3 x custom module and 3 x power for mains connection by client CUSTOM

Connection plate for fitting in the LanLight® lift-off cap set

924.4003
- To connect up to 3 Wieland GST15i3 sockets (power) and 3 data jacks (Keystone)
- Rear strain relief for power connections
- 3 x Wieland GST15i3 panel jack
- Disengagement aid for Wieland GST15i3 plugs
- Coded connecting points (data 1-3, power A-C)
- Diameter: 114.8 mm

Self-contact 10 Gbit 4P/2S with breakout cable and GST18i3 plug

Connection plate to fit in the modular installation box

924.4006*
- Base unit for holding self-contacting power column 924.5000 or 924.5001
- Prepared to hold 1-2 sets of data cables 924.700
- Coded connecting points (data 1-8, power A-B)
- For 924.1041
- 2 x Wieland GST15i3 panel jack, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² supply cable connected to GST18i3 plug
- Diameter: 114.8 mm

10 Gbit self-contact for mains connection by client

Connection plate to fit in the modular installation box

924.4005*
- Base unit for holding self-contacting power column 924.5000 or 924.5001
- Prepared to hold 1-2 sets of data cables 924.700
- Coded connecting points (data 1-8, power A-B)
- For 924.1041
- 2 x Wieland GST15i3 panel jack
- Diameter: 114.8 mm

Data cable set

For self-contact connection plates 924.4005 and 924.4006

924.700*
- 4 x Tyco Electronics CAT7 (Terra) jacks to Tyco Electronics CAT6a plug
- Column, 2-sided with 8 ports: Requires 2 x data cable set 924.700
- Column, 1-sided with 4 ports: Requires 1 x data cable set 924.700
- Cable length 6 m each
- Assembled into bundle of cables

Conical column holder

Cone as column holder

924.1041
- Used to directly mount the LanLight® columns
- For 924.5002, 924.5003 and 924.6000

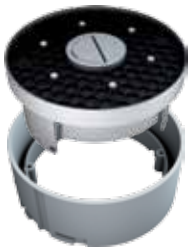
* No storage type

Lift-off cap variants

Art. no.	Version
Lift-off cap set with stainless steel inlay	
Lift-off cap set to fit in the modular installation box	
924.1018	· Two positions: open during use / closed when not in use · With latch for when open · With dust protection as cable bushing · With labelling card for connections · With stainless steel inlay · Inlay diameter: inside 49 mm, outside 142 mm · Lift-off cap diameter 146.4 mm, cap guide diameter 128.8 mm

Lift-off cap set 5 mm / 8 mm	
Lift-off cap set to fit in the modular installation box	
924.1038	· Two positions: open during use / closed when not in use · With latch for when open · With dust protection as cable bushing · With labelling card for connections · For gluing dry maintained surfaces with thicknesses 5 mm or 8 mm (e.g. carpet, laminate) · Inlay diameter: inner 49 mm, outer 142 mm, lining depth 5 mm or 8 mm · Lift-off cap diameter 146.4 mm, cap guide diameter 128.8 mm

Lift-off cap set, self-contacting, with stainless steel inlay	
Lift-off cap set to fit in the self-contacting cone	
924.1039*	· Two positions: open during use / closed when not in use · With latch for when open · With labelling card for connections · With stainless steel inlay · Inlay diameter: inner 49 mm, outer 142 mm, depth 5 mm or 8 mm · Lift-off cap diameter 146.4 mm, cap guide diameter 128.8 mm



Lift-off cap set, self-contacting, 5 mm / 8 mm	
Lift-off cap set to fit in the self-contacting cone	
924.1040*	· Two positions: open during use / closed when not in use · With latch for when open · With labelling card for connections · For gluing dry maintained surfaces with thicknesses 5 mm or 8 mm (e.g. carpet, laminate) · Inlay diameter: inner 49 mm, outer 142 mm, lining depth 5 mm or 8 mm · Lift-off cap diameter 146.4 mm, cap guide diameter 128.8 mm

Twist-off cover for 12 mm inlay	
Twist-off cover to screw onto cone to hold column	
924.1046	· Cover to close modular installation box with cone (924.1016, 924.1041) · With water protection · For inlay (e.g. stone/tile) around 12 mm thick · Incl. mounting key and sleeves · Inlay diameter: inside 139 mm

* No storage type

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Level 3: LanLight® extension units

Art. no.	Version
Self-contacting column, 10 Gbit 4P/2S, one-sided	
Column, 10 Gbit, for 1-2 workstations	
924.5000*	· For simply plugging into and unplugging from LanLight® cone holder (924.1041) · 2 socket outlets with earthing contact (2 phases) and 4 Tyco Cat6a jacks · Coded connecting points (data 1-4, power A-B) · Fully pre-wired, incl. 4 x Tyco Terra Cat7 plug for self-contact · Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black · Column can be extended by inserting a LanLight® system lamp · Height 640 mm, diameter 95 mm

Self-contacting column, 10 Gbit 8P/4S, two-sided	
Column, 10 Gbit, for 3-4 workstations	
924.5001*	· For simply plugging into and unplugging from LanLight® cone holder (924.1041) · 4 socket outlets with earthing contact (2 phases) and 8 Tyco Cat6a jacks · Coded connecting points (data 1-8, power A-D) · Fully pre-wired, incl. 8 x Tyco Terra Cat7 plug for self-contact · Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black · Column can be extended by inserting a LanLight® system lamp · Height 640 mm, diameter 95 mm

Patch column 4P/2S, one-sided	
Column for 1-2 workstations	
924.5002	· For simply mounting on LanLight® cone holder (924.1041) · 2 socket outlets with earthing contact (2 phases) and 4 CAT6a jacks (Keystone) · Coded connecting points (data 1-4, power A-B) · 2 x power supply cable 6 m H05VV-F3G 2.5 mm² connected to Wieland GST18i3 plug · 4 x data cables 6 m CAT6a jack to CAT6a plug · Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black · Column can be extended by inserting a LanLight® system lamp · Column material: Extruded aluminium, powder-coated RAL 9006 · Height 640 mm, diameter 95 mm

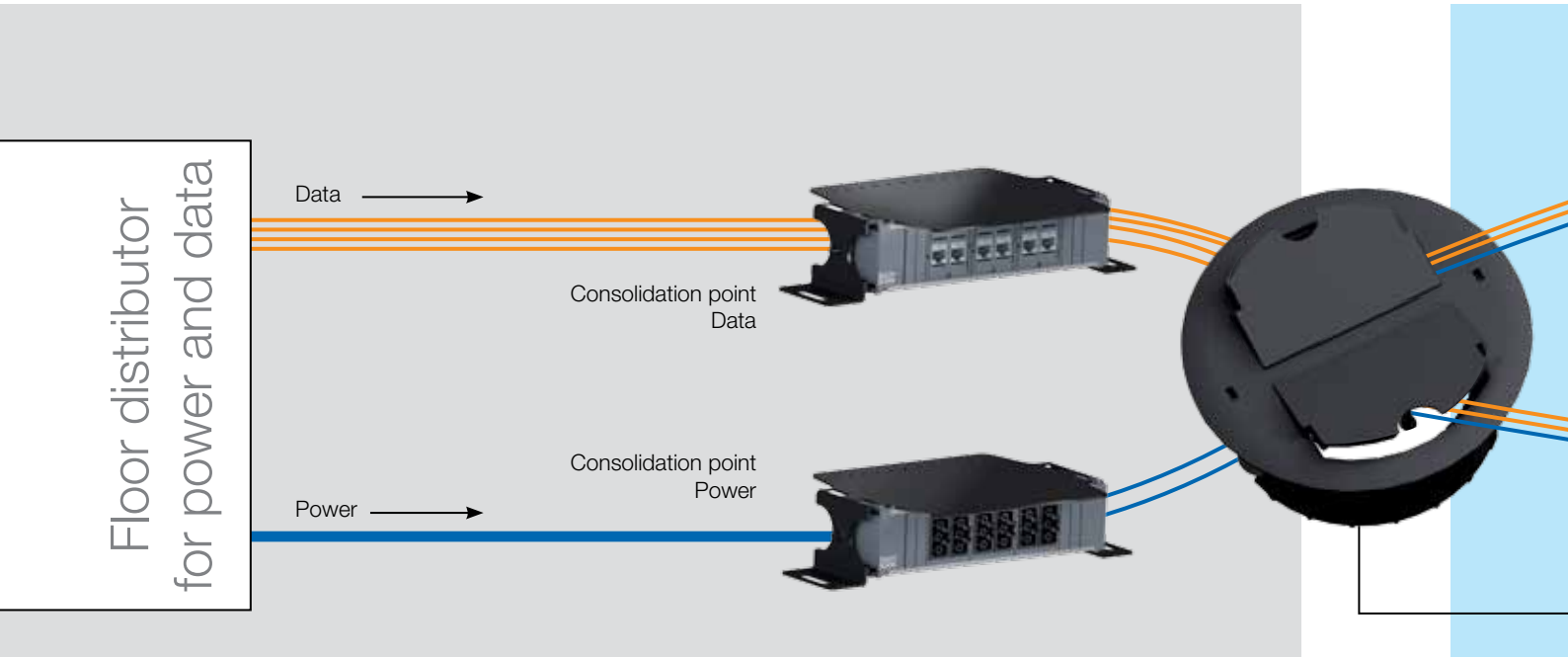
Patch column 8P/4S two-sided	
Column for 3-4 workstations	
924.5003	· For simply mounting on LanLight® cone holder (924.1041) · 4 socket outlets with earthing contact (2 phases) and 8 CAT6a jacks (Keystone) · Coded connecting points (data 1-8, power A-D) · 4 x power supply cable 6 m H05VV-F3G 2.5 mm² connected to Wieland GST18i3 plug · 8 x data cables 6 m CAT6a jack to CAT6a plug · Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black · Column can be extended by inserting a LanLight® system lamp · Height 640 mm, diameter 95 mm

Mini patch column 2S	
Mini column	
924.6000	· Mini patch column for simply mounting on LanLight® cone holder (924.1041) · 2 socket outlets with earthing contact (2 phases) · Coded connections (power A-B) · 30 mm surge water protection · 2 x 0.2 m breakout cable H05VV-F3G 2.5 mm² and GST18i3 plug incl. GST T-piece · Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black · Height 150 mm, diameter 95 mm

* No storage type

You can obtain lamps from our LanLight® partner on request

F: Front / **R:** Rear



Consolidation point

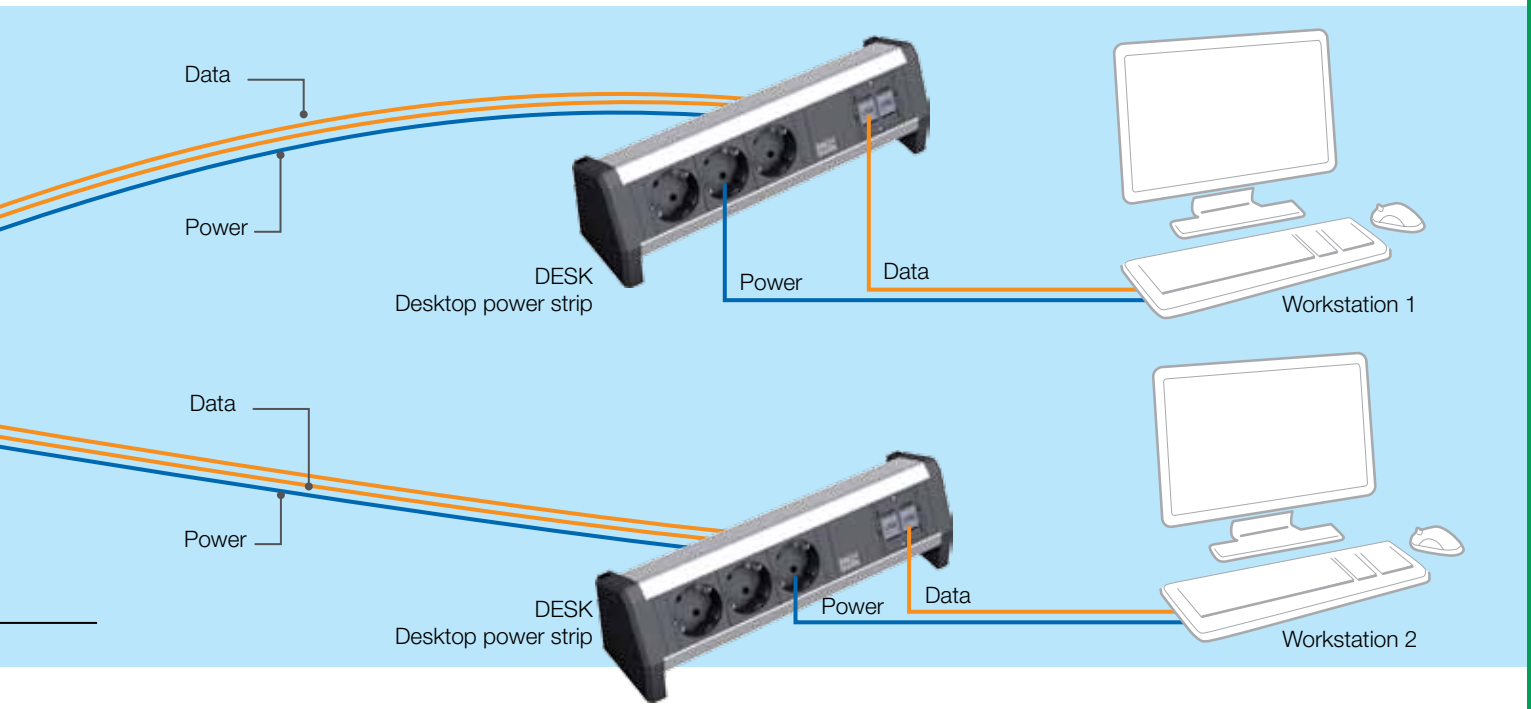
Installation solutions from a single supplier

Bachmann's new system for under-floor distribution and installation, based on the MUTO (multi-user terminal outlet) concept, offers a coherent and simple installation solution that brings power and data to the desktop.

The consolidation points for power and data are linked to the floor distributor in the conventional way. Floor outlets and desktop power strips from the Bachmann facility range complete the installation kit. From the consolidation point the floor outlet allows power and data to be conveyed with ease to the workstation. This dispenses with complicated and inflexible installations such as traditional floor box systems.

Thanks to the "open-office cabling", CP and MUTO concepts the network installation is flexible, future-proof and at the same time cost-optimised. The combination of power and data connections can be found in various Bachmann facility systems. They thus offer a user-centred unit providing all necessary connections.

In the main Bachmann catalogue you can also find different desktop power strips for mounting on top of or fitting into office workstation desks. All versions can be configured as required and supplied ready for use.



CP mounting

- Robust steel plate mounting for CPs
- Mountings with secure, tool-free clip-in and release mechanism
- Anchors firmly on the floor with integrated screw-on brackets
- Mountings with extra step protection of approx. 200 kg incl. CP unit
- Raised position of CP units for greater protection in case of minor ingress of water

Power CP

- Power CP is fully wired and electrically tested at the factory
- Power connections with connector systems by Wieland (Gesis GST); Wago (Winsta) versions available on request
- Other connector systems can be used where required
- Time-optimised on-site installation
- Future-proof thanks to flexible structure

Power CP reconnectable

Data CP

- CP data - flexible and modular based on custom modules
- Various manufacturers' systems can be integrated
- Easy to install and future-proof thanks to modular structure
- Should a change be necessary, only the data connector unit is changed
- Mounting and unit remain unchanged
- Additional strain relief for data connection can be provided with cable ties

Consolidation point units for power

- Fully wired and electrically tested
- With Wieland GST18i3 plug connector

Art. no.	Version
Consolidation point units for power	
Short	
919.2000	· 6-way GST18i3 socket, black, 1-phase · Power input: GST18i3
919.2001	· 2 x 3-way GST18i3 socket, 2-phase · Sockets in black and red · Power input: GST18i3
Consolidation point units for power	
Long	
919.2002	· 12-way GST18i3 socket, black, 1-phase · Power input: GST18i3
919.2003	· 2 x 6-way GST18i3 socket, 2-phase · Sockets in black and red · Power input: GST18i3
919.2004	· 3 x 4-way GST18i3 socket, 3-phase · Sockets in black and red and grey · Power input: 3 x GST18i3 socket
919.2005	· 3 x 4-way GST18i3 socket, 3-phase · Sockets in red and black grey · Power entry is via the end cap with rewirable terminal for allowing connection by user

Consolidation point units for data

- Without power, to integrate with Bachmann custom modules
- Anodised aluminium profile

Art. no.	Version
CUSTOM **Consolidation point units for data**	
912.000	· 3 x custom modules, empty · In short: 217 mm
912.001	· 6 x custom modules, empty · Long: 356 mm

Consolidation point mounting

- Colour black (RAL 9005)
- Mounting in steel plate

Art. no.	Version
Consolidation point mounting	**L x W x H: 295 x 85 x 65 mm**
919.1100	· Short (for units with 3 modules)
Consolidation point mounting	**L x W x H: 435 x 85 x 65 mm**
919.1101	· Long (for units with 6 modules)

Floor outlet for dry-maintained floors

Outlet for dry-maintained floors (raised and false floors) from 24 mm thickness for the cable outlet from the subfloor (consolidation point) to the power strip on the desk or table. The outlet features a very simple universal fixing. With one rotation of each of the two eccentric Allen bolts in the outer ring, the outlet is anchored firmly into the floor, yet can easily be removed again if required. 2 flaps, each of which can be opened to a position independent of the other, through which cabling is routed out from floor. The flaps can be snap-fastened in open positions, thus preventing cables becoming bent and possibly damaged. If required the flaps can be rotated through 130° with the inner ring. Textile-fibre sleeves or cable management systems from the Bachmann range can be docked to the outlet flaps. If the outlet is no longer used, the flaps can be lowered and used as a blank cover that can be stepped on.

- Exit point/floor outlet for power and data cables
- Fits in raised floors with thicknesses from 24 mm
- Hole diameter 112 mm
- Simple fixing mechanism with Allen bolts
- 2 flaps, rotatable though approx. 130°, for cable outlet
- Material: polyamide (halogen free)

Art. no.	Version
Exit point/floor outlet	**RAL 9005**
919.1000	· Black RAL 9005

Data cables –> Transfer of data within various categories

(see glossary) Used for network and IP telephone services

Art. no.	Length	Version
CAT5e patch cable plug/plug		
918.003	1.0 m	· CAT5e cable shielded, grey
940.052	3.0 m	· Conforms to ISO / IEC 11801 and EN 50173
940.053	5.0 m	· End 1 and 2: RJ45 plug with kink protection nozzle and protective tongue for interlock
		· Suitable for e.g. CAT5e socket / socket 940.057

CAT6 patch cable plug/plug		
940.040	3.0 m	· CAT6 cable shielded, grey
940.041	5.0 m	· Conforms to ISO / IEC 11801 and EN 50173
		· End 1 and 2: RJ45 plug with kink protection nozzle and protective tongue for interlock
		· Suitable for e.g. CAT6 socket / socket 940.044

CAT6a patch cable plug/plug		
918.006	1.0 m	· CAT7 cable shielded, black
918.007	3.0 m	· Conforms to IEC 61156-6
918.008	5.0 m	· End 1 and 2: RJ45 Hirose TM12 CAT6a plug with kink protection nozzle and unlocking tongue
		· Suitable for e.g. CAT6 socket / socket 940.044

CAT6a patch cable plug		
918.033	3.0 m	· CAT7 cable shielded, black
918.034	5.0 m	· Conforms to IEC 61156-6
		· End 1: RJ45 Hirose TM12 CAT6a plug with kink protection nozzle and unlocking tongue. End 2: CAT6a TKM 10 Gb Keystone socket.
		· Fits into Keystone frames 917.000 / 917.001 / 917.061 / 917.062

RJ12 patch cable plug/plug		
940.089*	3.0 m	· RJ12 cable unshielded, black
		· Conforms to ISO / IEC 11801 and EN 50173
		· End 1 and 2: RJ12 plug with kink protection nozzle
		· Suitable for e.g. RJ12 socket / socket 940.085

VGA 15-pole HD with and without mini stereo jack cable (stereo 3.5 mm) –>

Transfer of analogue image and audio signals

Art. no.	Length	Version
Combi cable VGA 15-pole HD with mini stereo jack		
918.066	1.0 m	· High-quality cable, highly flexible, black
918.067	3.0 m	· End 1: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm
918.068	5.0 m	· End 2: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm
918.069	10.0 m	· Plug with metal housing and shielding, additional ferrite cores are not needed
		· Can be used with custom modules with VGA + mini stereo jack socket / socket (e.g. 917.045 etc.)

VGA 15-pole HD		
918.009	1.0 m	· High-quality cable, flexible, black
940.047	3.0 m	· End 1: 1 x 15-pole VGA HD plug
940.048	5.0 m	· End 2: 1 x 15-pole VGA HD plug
		· Can be used with custom modules with VGA socket / socket (e.g. 917.011)

* No storage type

Media combi cable VGA 15-pole HD with mini stereo jack

(3.5 mm stereo) and RJ12 (signal control) for media switch

Art. no.	Length	Version
Combi cable VGA 15-pole HD with mini stereo jack and signal control		
903.107	1.0 m	· High-quality cable, highly flexible, black
903.108	3.0 m	· End 1: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm and RJ12 plug
903.109	5.0 m	· End 1: 1 x 15-pole VGA HD plug, 1x mini stereo jack plug, 3.5 mm and RJ12 plug
903.110	10.0 m	· Plug with metal housing and shielding, additional ferrite cores are not needed · Can be used with custom modules with VGA + mini stereo jack socket / socket and button (e.g. 917.134)

HDMI connecting cable –> digital transmission of image and sound signals

Art. no.	Length	Version
HDMI connecting cable		
918.019	3.0 m	· HDMI cable, black
918.020	5.0 m	· End 1: 1 x HDMI plug 19-pole · End 2: 1 x HDMI plug 19-pole · Can be used with custom modules with HDMI socket / socket (e.g. 918.040)

DVI-I connecting cable –> digital transmission of image signals

(compatible with DVI-A and DVI-D plug connectors)

Art. no.	Length	Version
DVI-I connecting cable		
918.017	3.0 m	· DVI cable, black
918.018*	5.0 m	· End 1: 1 x DVI plug · End 2: 1 x DVI plug · Can be used with custom modules with DVI-I socket / socket (e.g. 917.021 / 917.078)

Cinch video + stereo connecting cable –> transmission of analogue image and sound signals

Art. no.	Length	Version
Cinch video + stereo connecting cable		
918.015*	3.0 m	· Cinch set of connecting cables, black
918.016*	5.0 m	· End 1: Cinch plug (red + white + yellow) · End 2: Cinch plug (red + white + yellow) · Can be used with custom modules with Cinch socket / socket (e.g. 917.026)

S-video (Hosiden) connecting cable –> transmission of analogue image signals

Art. no.	Length	Version
S-video (Hosiden) connecting cable		
940.104*	3.0 m	· S-video (Hosiden) connecting cable, black
940.105*	5.0 m	· End 1: S-video plug · End 2: S-video plug · Can be used with custom modules with S-video socket / socket (e.g. 917.028 / 917.035)

* No storage type

3.5 mm mini stereo jack connecting cable –> transmission of sound signals

Art. no.	Length	Version
3.5 mm mini stereo jack connecting cable for sound signals		
918.010	1.5 m	· 3.5 mm mini stereo jack connecting cable, black
918.011	2.5 m	· End 1: 3.5 mm mini stereo jack plug
918.012	5.0 m	· End 2: 3.5 mm mini stereo jack plug
		· Can be used with custom modules with mini stereo jack socket / socket (e.g. 917.045 / 917.157)

Cinch stereo connecting cable –> transmission of sound signals

Art. no.	Length	Version
Cinch stereo connecting cable for sound signals		
940.049	3.0 m	· Cinch stereo connecting cable, black
		· End 1: Cinch stereo plug (red + white)
		· End 2: Cinch stereo plug (red + white)
		· Can be used with custom modules with Cinch socket / socket (e.g. 917.027 / 917.028 / 917.022 / 917.023)

XLR connecting cable –> transmission of sound signals (e.g. from microphone)

Art. no.	Length	Version
XLR 3-pole connecting cable for audio signals		
918.013	3.0 m	· XLR 3-pole connecting cable, black
918.014	5.0 m	· End 1: XLR 3-pole plug with interlock
		· End 2: XLR 3-pole socket with interlock
		· Can be used with custom modules with XLR connection (e.g. 917.024)

USB connecting cable –> transmission of data

Art. no.	Length	Version
USB A/A connecting cable		
918.021	1.0 m	· USB A/A connecting cable, black
940.045	3.0 m	· End 1: Plug A
918.022	5.0 m	· End 2: Plug A Can be used with custom modules with USB A socket / socket (e.g. 917.120 / 917.019)
USB A/B connecting cable		
940.046	3.0 m	· USB A/B connecting cable, black
		· End 1: Plug A
		· End 2: Plug B
		· Can be used with custom modules with USB B socket (e.g. 917.018)

FireWire connecting cable –> transmission of data

Art. no.	Length	Version
FireWire connecting cable		
918.024	4.5 m	· FireWire connecting cable, black
		· End 1: FireWire 6-pole plug
		· End 2: FireWire 6-pole plug
		· Can be used with custom modules with FireWire socket / socket (e.g. 917.037)

Power supply cables for Bachmann facility systems

wieland

Cables fitted with Wieland GST18 plug-in connectors are available to connect facility products to the mains power supply. The advantages of these cables and their connectors, which are used all over the world, are flexibility in terms of length, the possibility of exchanging them should length requirements change, and availability for a variety of countries. Even extending the power supply to other power strips presents no problem and can usually be done without tools.

Art. no.	Length	Version
Device supply cable, GST18 earthing contact		**Black**
375.000	1.5 m	· Cable: H05VV-F 3G 1.5 mm²
375.075	2.0 m	· End 1: Right angle plug with earthing contact
375.003	3.0 m	· End 2: Wieland GST18i3 socket
375.005	4.0 m	
375.007	5.0 m	
375.039	10.0 m	
Halogen-free cable		
375.044	2.0 m	· Cable: S05VV-F 3G 1.5 mm²
375.045	3.0 m	· End 1: Right angle plug with earthing contact
375.046	5.0 m	· End 2: Wieland GST18i3 socket

Device supply cable with additional earth connection

- Pre-assembled power supply cables with integrated earth connection
- Earthing of the power strip is independent of the installation
- Ideal in combination with STEP power strips (page 56 onwards)
- Table/desk-mounted frames can be earthed independently of the power strip fitted in them

Art. no.	Length	Version
Device supply cable, GST18 earthing contact		**Black**
With additional earth connection		
375.115	2.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.116	3.0 m	· End 1: Right angle plug with earthing contact
375.117	5.0 m	· End 2: Wieland GST18i3 socket with 0.3 m 1.5 mm² green/yellow with M6 ring terminal end
Device supply cable, GST18, CH / Switzerland plug		**Black**
375.016	1.5 m	· Cable: H05VV-F 3G 1.0 mm²
375.017	3.0 m	· End 1: CH / Switzerland plug
375.018	5.0 m	· End 2: Wieland GST18i3 socket
Device supply cable, GST18, UK 13A plug		**Black**
375.068	2.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.069	3.0 m	· End 1: UK 13A plug
375.070	4.0 m	· End 2: Wieland GST18i3 socket
Device extension cable, GST18/GST18		**Black**
375.050	0.3 m	· Cable: H05VV-F 3G 1.5 mm²
375.053	1.0 m	· End 1: Wieland GST18i3 plug
375.038	2.0 m	· End 2: Wieland GST18i3 socket
375.055	3.0 m	
Halogen-free cable		Black
375.080	0.3 m	· Cable: S05Z1Z1-F3G 1.5 mm²
375.081	1.0 m	· End 1: Wieland GST18i3 plug
375.082	2.0 m	· End 2: Wieland GST18i3 socket
375.083	3.0 m	
Device extension cable, GST15/GST18		**Black**
375.127	1.5 m	· Cable: H05VV-F 3G 1.5 mm²
375.128	3.0 m	· End 1: Wieland GST15i3 plug
375.129	5.0 m	· End 2: Wieland GST18i3 socket

LanLight®

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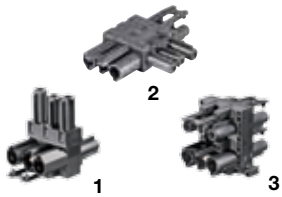
Cables with ST18 connector system (older system, cannot be plugged in under load)

Art. no.	Length	Version
Device supply cable, ST18 earthing contact		**Black**
375.004	1.5 m	· Cable: H05VV-F 3G 1.5 mm² · End 1: Right angle plug with earthing contact · End 2: Wieland ST18/3 socket
375.079	2.0 m	
375.040	3.0 m	
375.076	5.0 m	

Device extension cable, ST18/ST18		**Black**
375.071	0.5 m	· Cable: H05VV-F 3G 1.5 mm² · End 1: Wieland ST18/3 plug · End 2: Wieland ST18/3 socket
375.072	1.0 m	
375.073	1.5 m	
375.064	3.0 m	

Connectors / distributors

Art. no.	Version	Version
Coupler		**Black**
No interlock		
375.500	GST/GST	· Allows easy linking of e.g. two STEP power strips with the same or different plugging systems
375.515	GST/ST	
375.516	ST/GST	· 1 x input (plug section) and 1 x output (socket section)



Multiplier, GST18		
For power distribution		
375.101	1 x input, 2 x output (1)	· Input: 3-pole plug · Output: 3-pole socket
375.102	1 x input, 2 x output (2)	
375.105	1 x input, 3 x output (3)	

Through-wired for 3-phase power, 5 and 3-pole		
375.106	1 x input, 1+6 x output	· Input: 1 x 5-pole plug · Output: 1 x 5-pole socket; · 6 x 3-pole socket per outer cable

Interlocks

Art. no.	Version	Version
Interlock for appliance plugs and couplings		
Compliant with VDE 0628		
375.518	Wieland 05.587.3156.1	· Snaps onto the corresponding plugs and couplings

Locking latch (interlock)		
Compliant with VDE 0628		
375.501	Black Wieland 05.584.0153.0	· For snap-in built-in plug and coupling

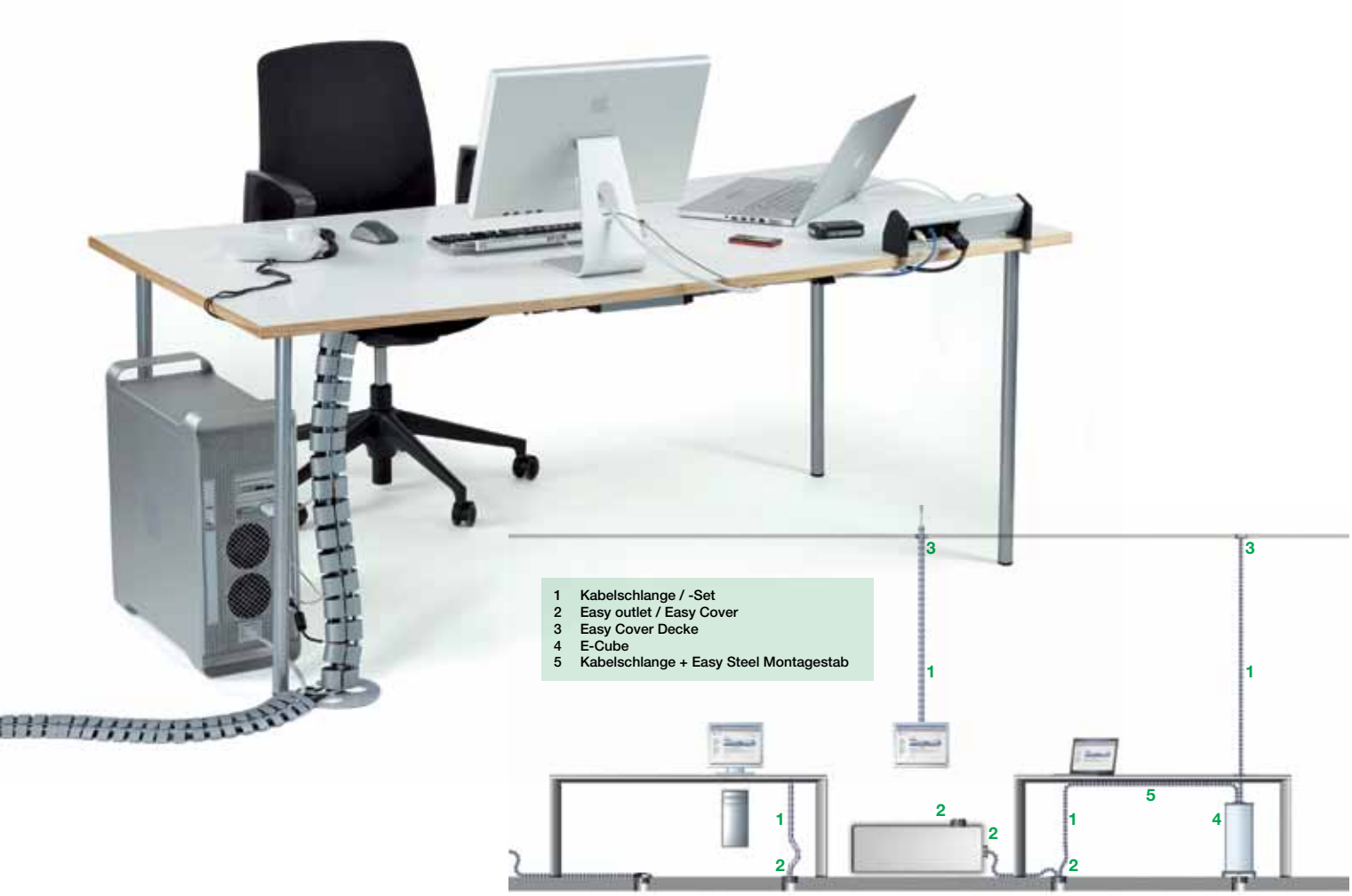
Accessories

Art. no.	Version	Version
End cap		
375.503	Black Wieland 05.561.3653.1	· Plugs into the snap-in built-in plug and coupling

Fitting accessories

wieland

Art. no.	Version	Version
Appliance plug with screw terminal, GST18i3		
375.504	Black Wieland 92.932.3053.1	· Ready to fit, with strain relief · For cross section 0.75 – 2.5 mm², solid and flexible wires can be connected without end sleeves · For cable diameters 6.5 – 10.5 mm (H05VV, NYM) · Sheath stripping length 31 mm; stripped length: 7 mm
375.517	White Wieland 92.932.3052.0	
Appliance plug with spring-loaded terminal, GST18i3		
Lockable, coded		
940.073	Bright red Wieland 92.934.0553.0	· Ready to fit, with strain relief · For rigid cables 1.5 – 2.5 mm², flexible cables 1.5 mm² with end sleeves · 2 connections per pole, not mounted, for cables H05VV, NYM (diameter 7.8 – 10.3 mm) · Sheath stripping length 45 mm, insulation stripped length 1.5 mm² and 2.5 mm²: 9 mm
940.074	Pebble grey Wieland 92.934.0153.0	
Appliance coupling with screw terminal, GST18i3		
375.505	Black Wieland 92.931.3053.1	· Ready to fit, with strain relief · For cross section 0.75 – 2.5 mm², solid and flexible wires can be connected without end sleeves · For cable diameters 6.5 – 10.5 mm (H05VV, NYM) · Sheath stripping length 31 mm; stripped length: 7 mm
375.514	White Wieland 92.931.3053.0	
Appliance coupling with spring-loaded terminal, GST18i3		
Lockable, coded		
940.070	Bright red Wieland 92.933.0553.0	· Ready to fit, with strain relief · For rigid cables 1.5 – 2.5 mm², flexible cables 1.5 mm² with end sleeves · 2 connections per pole, not mounted, for cables H05VV, NYM (diameter 7.8 – 10.3 mm) · Sheath stripping length 45 mm, insulation stripped length 1.5 mm² and 2.5 mm²: 9 mm
940.071	Pebble grey Wieland 92.933.0153.0	
Built-in snap-in spring-loaded plug, GST18i3		
With interlock		
375.506	Black Wieland 92.032.9658.1	· For material thickness 0.5 – 1.5 mm; engages in cut-out in housing · Flexible cable 0.5 – 1.5 mm² with end sleeve · Rigid cable 0.5 – 2.5 mm² · Stripped length 0.5 – 1.5 mm²: 8 mm, stripped length 2.5 mm²: 9 mm
375.519	White Wieland 92.032.9658.0	
375.520	Bright red Wieland 92.032.8558.0	
375.521	Pebble grey Wieland 92.032.9758.0	
Built-in snap-in spring-loaded coupling, GST18i3		
With interlock		
375.507	Black Wieland 92.031.9658.1	· For material thickness 0.5 – 1.5 mm engages in cut-out in housing · Stripped length 0.5 – 1.5 mm²: 8 mm, stripped length 2.5 mm²: 9 mm
375.523	Bright red Wieland 92.031.8558.0	
375.524	Pebble grey Wieland 92.031.9758.0	



CABLE MANAGEMENT

Perfect installation solutions

Bachmann banishes unwieldy cables from workstations. The KABELSCHLANGE® cable management system allows the optimum routing of cables at workstations between desk, floor box, wall duct and various devices.

Bachmann can offer the best cable management system for every situation. Whether the cables run along the floor or are routed from the floor to the desk, the systems are mutually compatible. A well-thought-out and integrated cable management concept is available to you.

Our various systems are available as standard in black and silver colour finishes but we can supply other custom colours on request.

Flexible cable management system

Individual
Connecting
Shortening
Extending

- The chain links are safe to step on and break-proof, and can be moved about relative to one another
- 2 connector shoulders for the transmission of forces (including torques and lateral forces)
- Special geometry enables individual cables to be unfurled through the sides of the links without risking crushing

Art. no.	Colour	Version
Kabelschlange® Classic (for horizontal and vertical cable routing)		
930.030	Black	· 3-chamber system to separate low-current, data and power cables · 46 chain links, W x H: approx. 53 x 23 mm · Length (separated): approx. 100 cm, pushed together: approx. 72 cm
930.031	Silver	

Kabelschlange® Cube (for horizontal and vertical cable routing)		
930.058	Black	· 2-chamber system to separate data and power cables · 34 chain links, W x H: approx. 55 x 25 mm · Length (separated): approx. 100 cm, pushed together: approx. 69 cm
930.059	Silver	

Kabelschlange® Pro (for horizontal and vertical cable routing)		
930.032	Black	· Increased resistance to being stepped on even in high foot traffic areas such as passages · 5 chain links can withstand short-term loads of up to 120 kg · 2-chamber system to separate data and power cables · Can also be connected directly to ® Classic · 34 chain links, W x H: approx. 90 x 24 mm · Length (separated): approx. 100 cm, pushed together: approx. 70 cm
930.033	Silver	

Kabelschlange® Premium Set (for horizontal and vertical cable routing)		
930.049	Black	· Designer top-of-the range Premium Set: 16 chain links, W x H: approx. 70 x 35 mm 1 x metal base plate in appropriate colour 1 x connection to desk or table in appropriate colour · The chain links can be pushed together completely to form a self-locking, elliptical cable duct. · 2-chamber system to separate data and power cables · Length incl. base plate and connection to desk or table approx. 78 cm · Length without accessories approx. 75 cm · Length (pushed together): approx. 59 cm in the set
930.050	Silver	

Kabelschlange® Quadro Set (for vertical cable routing)		
930.016	Black	· Functional and looks-oriented set: 23 quadratic chain links, W x H: approx. 45 x 45 mm 1 x metal base plate in appropriate colour 1 x connection to desk or table in appropriate colour · The Quadro system is particularly resistant to being pulled and can therefore be used for ceiling-mounted installations in rooms up to around 5 metres in height. · 2-chamber system to separate data and power cables · Length incl. base plate and connection to desk or table approx. 76 cm
930.017	Silver	

Kabelschlange® Quadro (as addition to set with art. no.: 930.016 and 930.017)		
930.018	Black	· As addition to set with art. no.: 930.016 and 930.017 · For height-adjustable seating / standing combinations or desk/ table heights of 75 cm or more and for items suspended from the ceiling · 32 links, length approx. 100 cm
930.019	Silver	

Kabelschlange® FLEX II Set (for vertical cable routing)		
930.022	Black	· Compact and flexible set: 38 chain links, W x H: approx. 55 x 22 mm 1 x metal base plate in appropriate colour 1 x connection to desk or table in appropriate colour · 2-chamber system to separate data and power cables and for items suspended from the ceiling · Length incl. base plate and connection to desk or table approx. 75 cm
930.023	Silver	

Furniture accessories

Art. no.	Colour	Version
Kabelschlange® FLEX II (as addition to set with art. no.: 930.022 and 930.023)		
930.020	Black	· For seating / standing combinations
930.021	Silver	· 54 links. Length approx. 100 cm
Easy-Bridge®		
930.027	Silver	· Aluminium floor duct that can be stood on, length 100 cm · Can be connected straight to the Kabelschlange Pro® · For carpet
Easy-Bridge®		
930.028	Silver	· Aluminium floor duct that can be stood on, length 100 cm · Can be connected straight to the Kabelschlange Pro® · For smooth floors
Easy-Steel® assembly rod		
930.024*		· Dimensions: Length 750 mm, diameter 5 mm
Easy-Desk-3G®		
930.025*	Silver	· Securing Easy-Steel® assembly rod
Easy-Connect®		
930.026*	Silver	· Universal coupling
Easy-Desk-2B®		
930.029	Black	· Adapter for connecting vertically to furniture
930.090	Silver	· Can be combined with Easy-Stop® and Easy-Steel® · Includes 2 screws 4 x 12 mm
Easy-Stop-2B2K®		
930.091	Black	· 3-part cable strain relief for Kabelschlange® Classic, Cube, Pro
930.092	Silver	· Can be combined with Easy-Desk-2B® and Easy-Steel® · Includes clamping screws
Cable bracket set with strain relief		
930.051	Black	· For screwing into place underneath the top of a desk or table · consisting of: cable bracket incl. 2 fixing screws and strain relief with adjusting screw
E-Cube-K-540® power column for power and data supply		
930.166		· To hold sockets indoors (e.g. art. no.: 333.0122) · Material: anodised aluminium / plastic · Dimensions: Height approx. 54 cm/ cover approx. 22.3 x 22.3 cm/ floor approx. 24 x 24 cm · Hole size 80 mm including Easy Outlet® telescopic cover

Accessories for connecting to floor

Illustration shows
930.099 and 930.137

Art. no.	Colour	Version
Easy-Outlet® floor unit		
930.098*	Black	· Floor-level built-in unit
930.099*	Silver	· High-tensile splayed attachment · Suitable for dry-maintained raised and false floors
Easy-Cover® telescopic cover for floor unit		
930.100*	Black	· Telescopic cover set for Easy-Outlet® floor unit
930.137	Silver	

* No storage type

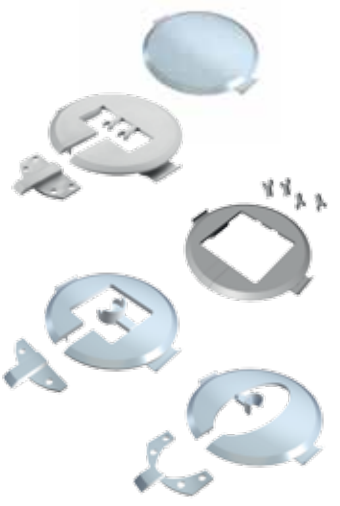
Accessories for connecting to floor

Art. no.	Colour	Version
Easy-Cover-I® (system connection for floor unit)		
930.162*	Black	· Connection for 1 x Cube, Pro, Classic or Flex
930.138*	Silver	· Material: PP for use in floor outlet
Easy-Cover-II® (system connection for floor unit)		
930.163*	Black	· Connection for 2 x Cube, Pro, Classic or Flex
930.139*	Silver	· Material: PP for use in floor outlet
Easy-Cover-Quadro® (system connection for floor unit)		
930.164*	Black	· Connection for 1 x Kabelschlange® Quadro
930.160*	Silver	· Material: PP for use in floor outlet
Easy-Cover-Premium® (system connection for floor unit)		
930.165*	Black	· Connection for 1 x Kabelschlange® Premium
930.161*	Silver	· Material: PP for use in floor outlet
Easy-Switch® distributor (for Kabelschlange® Classic, Cube, Pro)		
930.034*	Black	· 3-way distributor
930.035*	Silver	· includes 4 coupling links KS Cube®
Easy-Switch® distributor (for Kabelschlange® Classic, Cube, Pro and a vertical connection K. Premium)		
930.057*	Black	· 4-way distributor with fixing screw and base plate · includes 4 coupling links KS Cube®
Easy-Cap®		
930.044*	Black	· Cover cap for Easy-Switch connections that are not being used
930.045*	Silver	
Easy-Clip-S® floor outlet adapter for all common floor outlets		
930.036*		· For floor outlet for Kabelschlange® Classic · Dimensions: L x W: approx. 86 x 47 mm
Easy-Clip-L® floor outlet adapter for all common floor outlets		
930.054*		· For floor outlet for Kabelschlange® Pro and Cube · Dimensions: L x W: approx. 91.5 x 51 mm

Accessories for connecting to ceiling

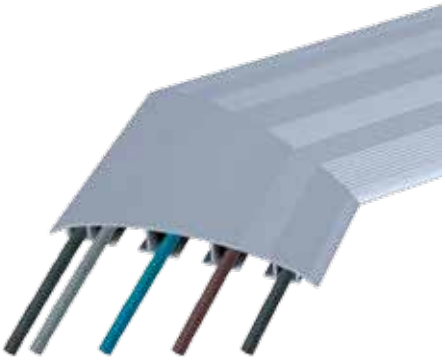
NEW

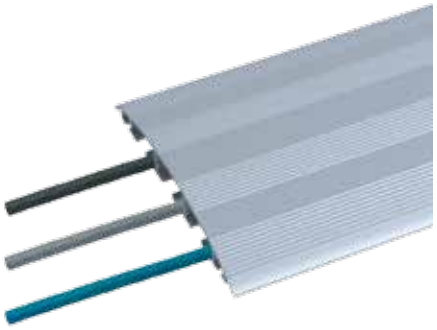
Art. no.	Colour	Version
Easy-Cover-B® (system connection with low transfer of force to suspended ceilings)		
930.093*	White	· Blank cover made of polypropylene
Easy-Cover-I® (system connection with low transfer of force to suspended ceilings)		
930.094*	White	· Connection for 1 x Cube, Pro, Classic or Flex · Material: POM for suspended ceilings
Easy-Cover-II® (system connection with low transfer of force to suspended ceilings)		
930.095*	White	· Connection for 2 x Cube, Pro, Classic or Flex · Material: POM for suspended ceilings
Easy-Cover-Quadro® (system connection with low transfer of force to suspended ceilings)		
930.096*	White	· Connection for 1 x Kabelschlange® Quadro · Material: POM for suspended ceilings
Easy-Cover-Premium® (system connection with low transfer of force to suspended ceilings)		
930.097*	White	· Connection for 1 x Kabelschlange® Premium · Material: POM for suspended ceilings



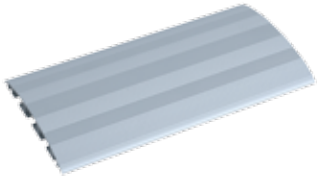
* No storage type

BRIDGE – the cable duct





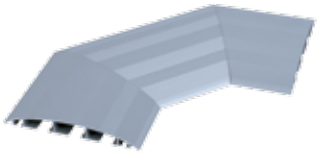
Art. no.	Length	Version



CABLE BRIDGE — **Dimensions: (W x H) 146 x 9 mm**

Cable duct, straight

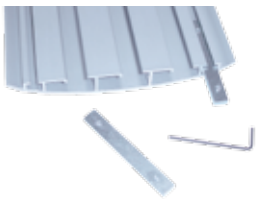
930.060	1.0 m	· Anodised aluminium profile, rippled for anti-slip effect
930.061	2.0 m	· 3-chamber system allowing power and data cables to be routed separately
		· Can be fixed with double-sided tape or screwed into place on the floor (see fixing accessories)



CABLE BRIDGE

Bracket for cable duct

930.062	45°	· Bracket made from anodised aluminium
930.063	90°	



CABLE BRIDGE

Linking element for cable duct

930.064	Straight	· Link for connecting straight cable ducts · Screwed into place with integral Allen keys · 2 items

CABLE BRIDGE

Fixing accessories for cable duct

930.065	Straight	· For screwing on the ends of the cable ducts · 4 items

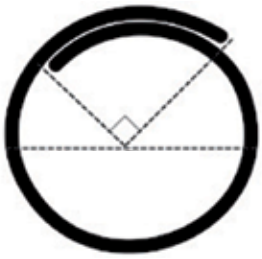
Wrap textile-fibre sleeves

Wrap textile-fibre sleeves bundle and protect cables and wires in office and home environments.
The elastic braided sheath with its monofilament fibres assures fire and abrasion resistance and is thus also ideal for professional and industrial use.

Automatic Wrap

The benefits at a glance

- Simple installation with low costs and low labour input
- More flexible than coiled or wound solutions
- 25 % overlap for secure cable bundling
- Resistant to chemicals and solvents
- Halogen-free
- Resistant to cuts and abrasions
- Retains its shape within operating temperature range -75 °C to +125 °C



Art. no.	Length	Version
Automatic Wrap		
Dimensions: diameter 2.54 cm = 1 inch		
930.900	1.0 m	· Black
930.901	2.0 m	· Black
930.902	3.0 m	· Black

Automatic Wrap		
Dimensions: diameter 5.08 cm = 2 inches		
930.903	1.0 m	· Black
930.904	2.0 m	· Black
930.905	3.0 m	· Black

Manual Wrap in colour

The benefits at a glance

- Strong Velcro fastener for frequent access
- Can be stretched over plugs and sockets
- Halogen-free
- Resistant to chemicals and solvents
- Melting point ~230 °C

Art. no.	Version	Version
Manual Wrap		
Dimensions: diameter 3.18 cm = 1 ¼ inches		
930.906*	1.0 m	· Black
930.907*	2.0 m	· Black
930.908*	3.0 m	· Black
Dimensions: diameter 5.08 cm = 2 inches		
930.909*	1.0 m	· Black
930.910*	2.0 m	· Black
930.911*	3.0 m	· Black

* No storage type

4-key keypad
Programmable illuminated buttons for controlling equipment and media.

10-inch (10") panel
A mounting frame with a standardised width of 10" = 254 mm, with holes for bolting to 10" racks. Used for events equipment, media and laboratory systems and in data centres. As a rule the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

19-inch (19") panel
A mounting frame with a standardised width of 19" = 482.6 mm, with holes for bolting to 19" racks. Frequently used for events equipment, media and laboratory systems and in data centres. As a rule the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

Audio jack or tip-ring-sleeve (TRS) connector
Internationally accepted electrical connector for AC or DC in the low-voltage (SELV – safety extra-low voltage) range. Jack plugs, sockets and couplings are used most typically for audio signals or for connecting a small electronic device to a power supply unit. Jack plugs are often used for connecting headphones to audio equipment. Versions available: **3.5 mm (mini audio jack)** for portable devices (MP3 players, Discmans etc.), sound cards and small headphones. **6.35 mm (jack)** for stereo systems and electronic music equipment (mixing desks, effects units, synthesisers, keyboards, electric pianos, electric guitars and guitar amplifiers).

BNC connectors – Bayonet Neill Concelman
These are coaxial connectors with a bayonet lock for high frequencies up to approx. 1 GHz, in some cases up to 4 GHz, with a defined wave impedance of 50 or 75 Ω (interchangeable). They are used chiefly in radio and video systems. The BNC design has however also been used for the transmission of weak DC and low-frequency AC signals and impulses in laboratory applications because of the shielding of the outer conductor from electrical interference. The coaxial construction thus provides protection against external electric fields. For this reason, connections to measuring devices such as oscilloscopes, frequency counters and function generators generally use BNC-type cables.

Bandwidth
The difference between two frequencies that form the limits of a specific, unbroken frequency range between them.

Blank
Function in video output devices of switching to a black still frame.

CAT
In data connection technology the following main categories and classes for equipment performance are generally accepted:

Category	Class	MHz	GB
CAT5e	D	100	1
CAT6	E	250	1
CAT6a	E	500	10
CAT7	F	600	10
CAT7a	F	1.000	

The difference between category and class is that the individual components such as cable, socket, connector etc. are graded into categories. The overall performance of the sum of these components, i.e. of the complete data network, is referred to as the class. The class of the network as a whole is thus determined by the weakest component. Example: CAT6 cable and plug are connected to a CAT5e socket, the overall network attains only class D. Additionally, a distinction is made in data connection equipment between shielded and unshielded components. Worldwide, unshielded versions are most commonly used; however, in Germany almost 100% of cabling is shielded. The currently applicable standard for this area of data connection technology is summarised in EN 50173.

Cinch (RCA)
For non-standardised connectors for electrical signals, primarily on coaxial cables. Use: Audio white = left analogue channel (sometimes also black); Audio red = right analogue channel; Orange = digital audio; Video yellow = composite video, analogue unmodulated TV picture signal in baseband (VBS or CVBS); Video green = Y (brightness); Video blue = Pb (colour difference); Video red = Pr (colour difference)

Coaxial ('coax') cable
Coaxial cable is a special type of cable with concentrically arranged conductors for carrying high-frequency signals, such as in TV systems for analogue CVBS or for digital studio signals (DSC).

Composite Video
See **Cinch (RCA)**

Control unit
See **Media control systems**

Crossover
In computer networking, a cross or crossover cable is an eight-wire twisted-pair cable with an RJ45 plug at each end, but where some of the wires have been swapped over in one of the plugs. It is required e.g. where two computers are connected together directly. It is also possible, instead of a crossover cable, to use an uncrossed cable in conjunction with a crossover adaptor to obtain the required crossing of wire pairs. The simplest use of a crossover cable is to link two computers with network cards without necessarily requiring a hub or switch. The two computers thus connected form a complete network on the smallest possible scale. Crossover cables can normally be dispensed with in gigabit Ethernet, since Auto-MDI-X is defined in the standard for this and is supported by most devices. In a crossover cable, the sent data wire is crossed with the received data wire at one end, so that data exchange is possible over a direct connection. If the send and receive wires had not been swapped at one end, no link between the machines would be obtained.

CVBS
See **Cinch (RCA)**

DVB – Digital Video Broadcasting
By 2010 all radio and TV channels in Germany are expected to be transmitted via digital video broadcasting (DVB). The transmission paths available are terrestrial frequencies (DVB-T), cable (DVB-C) and satellite (DVB-S). A mobile radio standard (DVB-H) is still at the testing stage. In all cases a special receiver is required to receive the signal.

DVB-T allows up to 24 TV channels to be received via a conventional domestic TV antenna. The channels are broadcast without encryption and are free of charge. So far, commercial broadcasters have only engaged in DVB-T in urban areas.

DVB-C offers more channels – theoretically up to 500. However, a prerequisite for receiving the signal is a paid-for cable connection. Commercial broadcasters using the digital cable network usually encrypt the signal, which then requires a smart card from the network operator to decode.

Display port
A port for conveying image and sound signals (e.g. monitor, DVD player, plasma TV etc.).

DVI – Digital Video Interface
A digital interface for video signals. In this system the sound has a separate input. The high-definition (HD) formats however use the new HDMI input. There are three different types of digital video interface:
DVI-A carries analogue signals only,
DVI-I is capable of transmitting both analogue and digital signals, and **DVI-D** carries digital signals only. If the new TFT monitor has a DVI-D interface, the old graphics card with analogue VGA output cannot be connected to it.

EIB
The European Installation Bus (EIB) is a standard to EN50090 that describes how sensors and actuators should be connected together in a domestic installation. It also defines the communications protocol. The EIB thus controls, for example, lighting and shutters or other shade-providing devices, heating, locking and alarm systems. EIB has subsequently been further developed and been known since 2002 as the KNX standard.

Ethernet
A protocol that controls data transfer in local area networks (LANs). This standard was developed by the Californian Xerox corporation in 1976.

F connectors
(IEC 60169-24) are coaxial plugs with screw locking designed for high frequencies up to about 5 GHz with a defined wave impedance of 75 Ω. The most commonly used connector in satellite television systems worldwide.

FireWire
The FireWire interface is used for rapid data exchange between a computer and multimedia or other peripheral devices. Thanks to its high transfer rate, FireWire can also be used as an alternative to Ethernet (IP over FireWire).

Full HD TV
Full HD models offer TV and video images with 1920 x 1080 pixels – currently the highest pixel number in HDTV broadcasts or high-definition feeds. This picture quality represents five times the resolution of conventional TV pictures. Even when observed close up, the viewer cannot see any kind of pixel structure. Video projections profit in particular from full HD resolution. The term is mostly used to describe the ability of an HDTV-capable device to output the highest possible HD resolution.

Hardware detect
Automatic detection of incoming signals, e.g. if a laptop is connected to an output device while switched on, the output device automatically recognises this newly-connected device.

HDMI – High Definition Multimedia Interface
Interface for picture and sound information in HDTV and HD television systems. It enables fully digital transmission of video and digital sound with up to eight channels. The HDCP digital copy-protection system is built in.

HDTV – High Definition Television
HDTV has significantly higher resolution, shows the picture more sharply and with more detail, and is broadcast with an aspect ratio of 16:9 rather than the traditional 4:3. Resolution is up to 1920 x 1080 pixels. To receive HD pictures, a TV set is required that carries the "HD ready" seal.

Hi-Fi – High Fidelity
Hi-Fi (high fidelity) is a quality standard for audio playback equipment.

Hosiden
See **S-Video**.

Impedance
Impedance, sometimes also known as AC resistance, states the ratio of electrical voltage across a consumer (component, cable etc.) to the current drawn. Impedance is important when matching high-frequency cables and also in the transmission of electromagnetic waves in free space. If for example the input impedance of a device does not match that of the incoming cable, reflections occur that reduce the energy transmitted and that can cause resonance effects and thus a non-linear frequency response.

ISDN – Integrated Services Digital Network
International standard for a digital telephone network. Allows multiple channels to transmit simultaneously. A basic ISDN connection offers the user two independently available channels for telephone or internet. Bandwidth is 64 kb/s.

Keystone
Universal dimensions (19.3 x 14.7 mm) for cutouts for mounting components.

KNX
KNX technology resulted from the confluence of three European bus standards, the European Installation Bus (EIB), the European Home Systems Protocol (EHS) and Batibus (used in heating/ventilation/climate control) to create a unified technological platform for all areas of home and building systems in the form of an international industry standard. KNX allows central control of practically all components of home and building systems technology, from lighting through heating to alarm systems, and offers advantages of convenience, security and economy for functional buildings as well as in residential settings. The KNX specification was presented by the then newly founded KNX Association in spring 2002. Based on the EIB standard, with which the new technology platform remains fully compatible, KNX emerged from expansions using new configuration mechanisms and transfer media that had originally been developed for Batibus and EHS.
By 2003 KNX was ratified by CENELEC, the Brussels-based European committee for electrical standards, as European Standard EN 50090. Shortly afterwards it was ratified by the CEN standards institute under EN 13221-1 as the European standard for the automation of buildings.

LAN – Local Area Network
Computer network that links various computers and peripheral devices via cables or wireless over a restricted physical area.

Loudspeaker connections
Stereo (red + white) screw terminals for audio signals.

LC
This connector is similar to the SC but smaller.

Media control
Control of video, power, lighting and audio systems in a building. Sound, light and video are controlled by appropriate commands. Media control allows all the devices to be used in a presentation to be linked and controlled in the desired time sequence.

Mini audio jack
A 3.5 mm jack socket for audio signals (e.g. from laptop or PC to loudspeakers).

Mini USB
A compact plug or socket version of the USB standard. This version was developed for devices with restricted space such as mobile telephones and digital cameras.

MTRJ
An optical connector that accepts two fibres; the junctions are embedded in a common plastic block in the shape of an RJ45 connector. This design also prevents any confusion of the outward and return line and is easy to insert and to remove. This connector is suitable for single-mode and multi-mode fibres.

MUTE
Switching of audio devices to silence.

OWG – Optical waveguides
Cables made up of, or including, optical fibre conductors with connectors for transmitting optical signals in the visible, ultraviolet or infrared ranges. Fibre-optic cables form a reasonably pliable medium for transmitting optical signals or even higher-powered optical radiation.

Overvoltage protection with filter
Overvoltage protection – conforms to DIN VDE 0620-1:-2002-01, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters – conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

PAL – Phase Alternating Line
The conventional television standard in Europe for analogue TV signals with a resolution of 720 x 576 pixels.

Potential-free contact
Used for communicating a status between electrical devices. Contact is normally established via a relay or optical coupler. This ensures that the electric circuits of the respective devices remain galvanically isolated from one another. This solution is the simplest and safest method for e.g. transmitting digital data electrically.

PowerCON
A type of 3-pole power connector with coding and interlocking, most frequently used for stage equipment. The interlock mechanism protects against the plug being accidentally pulled out of its socket.

PS/2 interface (PS/2 connection, PS/2 port, originally 'auxiliary port'). Commonly used 6-pin serial interface for input devices (e.g. mouse and keyboard) on personal computers.

Pushbutton
Illuminated blue, various types, e.g. in desk control panels for controlling equipment. Rocker buttons are used for up/down control of external devices, e.g. screen, blinds etc.

Pushbutton: automatic switchoff
Power strips that feature an automatic switchoff device are used to automatically switch off the power to the connected equipment. Pressing the button subsequently restores power to the connected equipment.

Pushbutton: stainless steel
For connection by the user to control equipment and media.

RCA
See **Cinch (RCA)**

RGB signal
In a RGB signal the colours red, green and blue are each transmitted and/or stored in their own channel. RGB signals are used for video transmission e.g. on computers with a VGA interface or in video systems with SCART connections.

RJ (registered jack) connectors
These are standardised connectors for telecommunications cables. The standards describe the physical form of plugs and sockets and their contact configurations, and are designated by the letters RJ and a number (e.g. RJ-45), with or without the hyphen. Examples: RJ12 6P6C / RJ45 8P8C

RJ12
see **RJ (registered jack)** connectors

Router
A device that forwards data packets though various networks. The router serves to calculate the connections between, for example, two local networks (LANs) and automatically establishes the optimum path for the data packets.

RS-232
Serial interface standard with 25-pole or 9-pole connector for serial data transmission. Also known as V.24. Both one-to-one pinouts and crossover configurations are commonly used.

SC
An optical connector used in new LAN installations. The right-angled design can be used for multi-mode and single-mode (monomode) glass fibres. Average insertion loss is about 0.2 dB, maximum approx. 0.4 dB. The advantage of SC over the ST connector is the push-pull design– i.e. the plug locks in automatically when inserted and is released when pulled out. This allows the use of duplex connectors (two connectors linked by a duplex clip) and duplex connections can be inserted or removed simultaneously.

Speakon
A connector designed for loudspeakers, offering a robust construction, a 20 A contact current capacity and secure interlocking. Speakon connectors are available in two-pole, four-pole and eight-pole versions; the 2-pole and 4-pole types are mutually compatible. The eight-pole version has a larger physical size. The number of contacts available in a single connector makes it possible to connect multi-channel passive systems, satellite subwoofer systems or multi-channel monitor loudspeaker constellations via a single cable.

ST
This connector (also known as a BFOC connector) is common in LANs and is suitable for single-mode and multi-mode optical fibre cables. Average insertion loss is about 0.3 dB, maximum approx. 0.5 dB.

S-Video / Super Video system
S-Video, also known as the Y/C process, designates a special analogue video signal process in which the 'luminance' (brightness) information is transmitted and processed separately from the 'chrominance' (colour information). An example application of S-Video is in VHS video recorders.

S-VHS – Super Video Home System
An improved, downward-compatible VHS standard for home video-band recording that offers better picture resolution and greater colour accuracy. Horizontal image resolution is some 2/3 better than in VHS. S-VHS is a standard, not a connector. The S-VHS standard signal may however be transmitted via the S-Video (Hosiden) connector.

Switch
A network component for linking multiple computers or network segments within a local area network (LAN). Switches analyse network traffic and make logical decisions.

TOSLINK
A standardised optical waveguide connection system for optical signals in the range up to about 20 Mbps. Used to carry digital audio signals between audio devices.

TrueHD
Audio standard for high-resolution media such as Blu-ray and HD DVD. TrueHD allows 100 % loss-free compression of audio data. The codec allows a data rate of up to 18 Mbps.

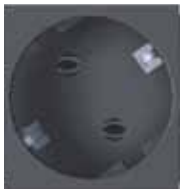
USB – Universal Serial Bus
USB is used to connect a variety of devices together by cable. USB is a bit-serial bus on which the individual bits of a data packet are transmitted one after another. Devices with USB can be connected to one another while operating, since the newly connected devices are automatically detected. USB is used to connect, for example, printers, digital cameras, MP3 players and hard disks to a computer.

VBS
See **Cinch (RCA)**

VGA / audio switch
Switches between multiple input sources (e.g. several laptops) as required and forwards the signal to output media devices (e.g. projector, monitor, loudspeaker).

VGA – Video Graphics Array
refers to a computer graphics standard (EISA, 1987) that defines specific combinations of image resolution and number of colours (colour bit depth) as well as repeat frequency. VGA allows a resolution of 640 x 480 pixels, while VGA cables allow a higher resolution. The 15-pole VGA socket is used to transmit image signals (e.g. from laptop or PC monitor to a projector, VGA switch box etc.)

XLR
Industry standard for electrical plug connections. Used in professional public-address and recording studio systems. 3-pole XLR connectors are used for analogue microphone and loudspeaker signals and for digital AES/EBU signals. 5-pole connectors are used for DMX digital lighting control data.



M earthing contact 35° / 90° — **Earthing contact**

Socket type: earthing contact 16 A / 250 V~ max. 3600 W

- Conforms to DIN VDE 0620-1 Design DIN 49 440
- Colours: black, red, white, grey
- Set at 35°
- Module width 42.5 mm
- For use in: Germany, Austria, Netherlands, Italy (parts), Spain, Portugal, Sweden, Norway, Finland, Slovenia, Romania, Hungary, Afghanistan, Andorra, Vatican State, San Marino, Estonia, South Korea, Indonesia, Iceland, Chile, Bulgaria

M-UTE 35° / 90° — **France**

Socket type: UTE / France 16 A / 250 V~ max. 3600 W

- Conforms to NF C 61-314
- Child-proof
- Colours: black, red, white, grey
- Set at 35°
- Module width 42.5 mm
- For use in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic

M-UTE IT red — **France**

Socket type: UTE / France IT red 16 A / 250 V~ max. 3600 W

- Conforms to NF C 61-314
- Child-proof and with additional plug-in fuse
- Colour: red
- Set at 35°
- Module width 42.5 mm
- For use in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic

M-CH 0° / 90° — **Switzerland**

Socket type: Switzerland CH 10 A / 250 V~ max. 2500 W

- Conforms to SEV 1011:98
- Colours: black, red
- Set at 0°
- Module width 35 mm
- For use in: Switzerland, Liechtenstein

M-USA 0° — **USA**

Socket insert, USA 15 A / 115 V~ max.

- Conforms to UL
- Colour: black
- Set at 0°
- Module width 32 mm
- For use in: USA, Canada, Mexico, South America (some regions)

M-UK FUSE 45° — **UK**

Socket insert, UK, individually fused, 3.15 A / 240 V~ or 5 A / 240 V~

- Conforms to BS 5733:1995
- Individually fused, selectable 3.15 A or 5 A
- Child-proof
- Colour: black
- Set at 45°
- For use in: UK as per standard for office furniture

M-UK 90° — **UK**

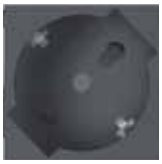
Socket type: UK 13 A / 240 V~

- Conforms to BS 1363
- Child-proof
- Colour: black
- Set at 90°
- Module width 54 mm
- For use in: UK, Ireland, Singapore, Malaysia, Cyprus, Malta, Hong Kong, Dubai

M-IT 35° — Italy

Socket outlet combination with protective contact / Italy 10 A / 230 V or 16 A / 230 V~

- Child-proof
- Colour: black
- Set at 35°
- Module width 45 mm
- For use in: Italy, South Tyrol, South America (some regions)



M-AUS 90° — Australia

Socket outlet combination Australia 10 A / 250 V

- Conforms to AS/NZS 3112
- Colour: black
- Set at 90°
- Module width 45 mm
- For use in: Australia, New Zealand, Argentina

M-CN 90° — China

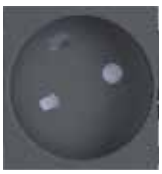
Socket insert, China, 10 A / 250 V

- Conforms to CCC
- Colour: black
- Set at 90°
- Module width 42.5 mm
- Can be used in China

M-DK 35° — Denmark

Socket type: Denmark household 10 A / 250 V~

- Conforms to DS/IEC 60884-1:2004
- Colour: black
- Set at 35°
- Module width 42.5 mm
- For use in: Denmark



M-DK EDV 35° — Denmark

Socket type: Denmark IT 10 A / 250 V~

- Conforms to DS/IEC 60884-1:2004
- Colour: black
- Set at 35°
- Module width 42.5 mm
- For use in: Denmark

M-IEC 10A

Socket insert, non-heating appliance socket, 10 A / 250 V~

- Conforms to IEC 320
- Colour: black
- Set at 90°
- Module width 42.5 mm
- Can be used internationally

M-IEC 16A

Socket insert, non-heating appliance socket, 16 A / 250 V~

- Conforms to IEC 320
- Colour: black
- Set at 90°
- Module width 42.5 mm
- Can be used internationally

M-GST18i3

Socket insert GST18i3 16 A / 250 V~

- Conforms to DIN VDE 0628
- Colours: black, red, white, pebble grey
- Set at 90°
- Module width 42.5 mm
- Can be used internationally

3-pole plug systems with earthing contact

Suitable for all European countries except Italy, England and parts of Switzerland.

Right angle plug with earthing contact Type 30

With dual earthing contact system

Suitable for (e.g.):
- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- H07BQ-F 3G 1.50 mm²
- H05BQ-F 3G 0.75 mm²

Central plug with earthing contact Type 31

With dual earthing contact system

Suitable for (e.g.):
- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- 05RV4-F 3G 0.75 mm²
- H03V4V4-H 3G 1.00 mm²
- H03RT-H 3G 0.75 mm²

Central plug with earthing contact Type 32

With dual earthing contact system and splash water protection

Suitable for (e.g.):
- H05VV-F 3G 1.50 mm²
- H05RR-F 3G 0.75 mm²
- H05RR-F 3G 1.50 mm²
- H07RN-F 3G 1.00 mm²
- H07RN-F 3G 1.50 mm²
- H07BQ-F 3G 1.50 mm²
- H07RN-F 3G 2.50 mm²

Earthing contact coupling Type 34

Suitable for (e.g.):
- H05VV-F3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- H05VV-F 3G 2.50 mm²
- H07RN-F 3G 1.00 mm²
- H07RN-F 3G 1.50 mm²

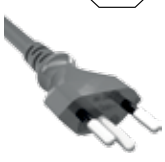
Swiss plugs and couplings

Version tested by SEV.

Swiss plug Type 11, 10 A

2-pole

Suitable for (e.g.):
- H03VVH2-F 2 x 0.75 mm²
- H05VVH2-F 2 x 1.0 mm²
- H05VV-F 2 x 1.00 mm²



Swiss plug Type 12, 10 A

3-pole

Suitable for (e.g.):
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²

Swiss coupling Type 11 D

2-pole

Suitable for (e.g.):
- H03VVH2-F 2 x 0.75 mm²
- H03VV-F 2 x 0.75 mm²
- H05VV-F 2 x 1.00 mm²

Swiss plug Type 23, 10 A / 16 A

3-pole

Suitable for (e.g.):
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²

International plugs

Plug with protection class 0 — Type 44

2-pole

Suitable for (e.g.):
- H03VV-F 2 x 0.75 mm²
- H05VV-F 2 x 0.75 mm²
- H05VV-F 2 x 1.00 mm²
- H05VV-F 2 x 1.50 mm²

UK plug — Type 45-2, 13 A

2-pole, moulded, with 13 A fuse fitted

Suitable for (e.g.):
- H03VVH2-2 x 0.75 mm²
- H05VVH2-2 x 0.75 mm²
- H03VV-F 2 x 0.75 mm²
- H05VV-F 2 x 0.75 mm²
- H05VV-F 2 x 1.00 mm²

UK plug — Type 45, 13 A

3-pole, moulded, with 13 A fuse fitted

Suitable for (e.g.):
- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²

USA plug UL/CSA — Type 46-2

2-pole

Cable types to suit your requirements.

USA plug UL/CSA — Type 46

3-pole

Cable types to suit your requirements.

Italy plug — Type 49, 10A

3-pole

Suitable for (e.g.):
- H05VV-F3G 0.75 mm²
- H05VV-F3G 1.00 mm²

Italy plug — Type 50, 16A

3-pole

Suitable for (e.g.):
- H05VV-F3G 1.50 mm²

Denmark plug — Type 47, 10A

3-pole

Suitable for (e.g.):
- H05VV-F3G 0.75 mm²
- H05VV-F3G 1.00 mm²
- H05VV-F3G 1.50 mm²

Denmark right angle plug — Type 47W, 10A

3-pole

Suitable for (e.g.):
- H05VV-F3G 0.75 mm²
- H05VV-F3G 1.00 mm²
- H05VV-F3G 1.50 mm²

Denmark IT plug — Type 48, 10A

3-pole

Suitable for (e.g.):
- H05VV-F3G 0.75 mm²
- H05VV-F3G 1.00 mm²
- H05VV-F3G 1.50 mm²

Denmark right angle plug — Type 48W, 10A

3-pole

Suitable for (e.g.):
- H05VV-F3G 0.75 mm²
- H05VV-F3G 1.00 mm²
- H05VV-F3G 1.50 mm²

2-pole plug systems without earthing contact

Suitable for all European countries except Italy, England and parts of Switzerland.

Euro flat plug — Type 20 F

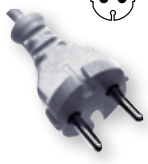
Suitable for (e.g.):
- H03VVH2-F 2 x 0.75 mm²
- H05VVH2-F 2 x 0.75 mm²

Contour plug — Type 24 G

Suitable for (e.g.):
- H05RN-F 2 x 1.00 mm²
- H07RN-F 2 x 1.00 mm²
- H07RN-F 2 x 1.50 mm²
- H05BQ-F 2 x 1.00 mm²
- H07BQ-F 2 x 1.50 mm²

Euro flat plug — Type 20

Suitable for (e.g.):
- H03VVH2-F 2 x 0.75 mm²
- H05VVH2-F 2 x 0.75 mm²
- H03VV-F 2 x 0.75 mm²
- H05VV-F 2 x 0.75 mm²



Contour plug — Type 24 K

Suitable for (e.g.):
- H05VV-F 2 x 0.75 mm²
- H05VV-F 2 x 1.00 mm²

Contour plug — Type 24 S

Splash water protected, impact resistant

Suitable for (e.g.):
- H07RN-F 2 x 1.00 mm²
- H07RN-F 2 x 1.50 mm²
- H05BQ-F 2 x 1.0 mm²
- H05BQ-F 2 x 1.5 mm²

IEC appliance connectors

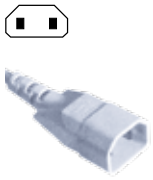
Non-heating appliance plug, central Type 35 S

2-pole, 70 °C

Suitable for (e.g.):

· H05VV-F 2 x 0.75 mm²

· H05VV-F 2 x 1.00 mm²



Non-heating appliance plug, central Type 35 S

3-pole, 70 °C

Suitable for (e.g.):

· H05VV-F 3G 0.75 mm²

· H05VV-F 3G 1.00 mm²

Non-heating appliance socket outlet, central Type 35-2

2-pole, 70 °C

Suitable for (e.g.):

· H05VV-F 2 x 0.75 mm²

· H05VV-F 2 x 1.00 mm²

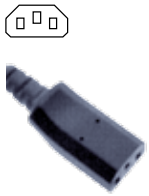
Non-heating appliance socket outlet, central Type 35

3-pole, 70 °C

Suitable for (e.g.):

· H05VV-F 3G 0.75 mm²

· H05VV-F 3G 1.00 mm²



Side-entry non-heating appliance socket Type 35-2 W

2-pole, right, left, 70 °C

Suitable for (e.g.):

· H05VV-F 2 x 0.75 mm²

· H05VV-F 2 x 1.00 mm²

Side-entry non-heating appliance socket Type 35 W

3-pole, right, left, 70 °C

Suitable for (e.g.):

· H05VV-F 3G 0.75 mm²

· H05VV-F 3G 1.00 mm²

Small appliance socket Type 25 D

120 °C, fitted

Suitable for (e.g.):

· H03VVH2-F 2 x 0.75 mm²

High-temperature appliance socket Type 37

155 °C, fitted

Cable types to suit your requirements.

Page	Art. no.
28	317.000
28	317.001
28	317.006
29	317.100
29	317.101
29	317.102
28	317.117
22	333.1007
22	333.1008
60	336.003
60	336.004
60	336.006
60	336.014
60	336.015
59	336.039
59	336.046
60	336.065
59	336.067
59	336.072
59	336.076
59	336.079
59	336.088
59	336.600
115	336.600
59	336.601
59	336.603
59	336.604
59	336.606
59	336.626
25	338.0080
25	338.0081
11	338.0200
11	338.0201
20	338.0203
20	338.0204
20	338.0205
20	338.0206
11	338.0210
11	338.0212
20	338.0214
11	338.0219
11	338.0221
20	338.0227
11	338.0230
11	338.0231
46	339.1000
46	339.1001
46	339.1002
46	339.1004
46	339.1005
46	339.1006
131	375.000
131	375.003
132	375.004
131	375.005
131	375.007
131	375.016
131	375.017
131	375.018
131	375.038
131	375.039

Page	Art. no.
132	375.040
131	375.044
131	375.045
131	375.046
131	375.050
131	375.053
131	375.055
132	375.064
131	375.068
131	375.069
131	375.070
132	375.071
132	375.072
132	375.073
131	375.075
132	375.076
132	375.079
131	375.080
131	375.081
131	375.082
131	375.083
132	375.101
132	375.102
132	375.105
132	375.106
131	375.115
131	375.116
131	375.117
131	375.127
131	375.128
131	375.129
132	375.500
132	375.501
61	375.502
132	375.503
133	375.504
133	375.505
133	375.506
133	375.507
133	375.514
132	375.515
132	375.516
133	375.517
132	375.518
133	375.519
133	375.520
133	375.521
133	375.523
133	375.524
61	375.529
44	902.000
44	902.001
44	902.002
45	902.003
44	902.004
44	902.0048
44	902.0049
44	902.005
44	902.0050
44	902.006
45	902.007

Page	Art. no.
44	902.008
44	902.009
44	902.010
44	902.011
45	902.012
45	902.0161
44	902.017
45	902.017
44	902.018
45	902.018
45	902.0182
45	902.0183
45	902.0184
45	902.0185
44	902.019
45	902.019
44	902.024
44	902.039
53	902.200
54	902.201
54	902.202
53	902.203
53	902.204
53	902.2049
54	902.205
53	902.206
53	902.207
53	902.208
54	902.209
53	902.211
53	902.213
53	902.214
54	902.228
55	902.229
55	902.230
54	902.231
54	902.232
53	902.300
55	902.301
55	902.302
53	902.400
54	902.401
54	902.402
53	902.403
53	902.404
53	902.4048
54	902.405
53	902.406
53	902.407
53	902.408
54	902.409
53	902.411
54	902.428
55	902.429
55	902.430
54	902.431
54	902.432
53	902.500
55	902.501
55	902.502
71	903.000

Page	Art. no.
71	903.001
102	903.100
102	903.101
103	903.102
110	903.103
104	903.104
109	903.105
109	903.106
115	903.107
129	903.107
115	903.108
129	903.108
115	903.109
129	903.109
115	903.110
129	903.110
114	903.111
114	903.112
114	903.113
109	903.114
97	903.2000
97	903.2001
97	903.3000
97	903.3001
98	903.400
98	903.500
98	903.600
38	904.000
38	904.0001
38	904.001
38	904.002
38	904.003
38	904.004
38	904.005
38	904.006
38	904.007
39	904.008
39	904.009
39	904.010
39	904.011
38	904.020
38	904.021
38	904.022
38	904.023
38	904.024
38	904.025
38	904.026
38	904.027
38	904.045
39	904.900
59	906.000
59	906.001
59	906.002
59	906.003
49	906.005
60	906.005
59	906.0055
59	906.0059
59	906.0060
59	906.009
59	906.0113

Page	Art. no.
59	906.031
60	906.067
59	906.071
59	906.080
59	906.1059
59	906.1075
59	906.1086
59	906.1306
16	909.000
17	909.001
16	909.002
16	909.0023
17	909.0026
17	909.0027
17	909.0028
17	909.0029
16	909.003
16	909.004
17	909.005
16	909.0056
16	909.0057
16	909.0058
16	909.0059
17	909.006
16	909.0060
17	909.007
17	909.008
17	909.009
16	909.010
16	909.011
17	909.012
17	909.013
17	909.014
17	909.015
17	909.016
16	909.017
16	909.018
17	909.019
17	909.020
16	909.025
16	909.028
16	909.029
17	909.033
17	909.050
16	909.058
16	909.065
20	911.000
20	911.001
20	911.002
20	911.003
20	911.004
20	911.005
25	911.500
25	911.501
25	911.502
25	911.503
21	911.900
21	911.901
21	911.902
21	911.903
21	911.904

Page	Art. no.
21	911.905
21	911.906
21	911.907
21	911.908
21	911.909
21	911.910
21	911.913
22	912.000
126	912.000
23	912.001
126	912.001
22	912.002
22	912.003
23	912.004
23	912.005
22	912.0055
23	912.006
23	912.007
23	912.008
22	912.009
22	912.010
23	912.011
23	912.012
23	912.0122
23	912.0123
23	912.0124
23	912.0125
23	912.013
23	912.014
22	912.015
22	912.0156
22	912.016
22	912.0167
23	912.0168
23	912.0169
23	912.017
23	912.0170
22	912.0171
23	912.0172
23	912.018
23	912.019
23	912.021
23	912.022
22	912.023
23	912.024
23	912.025
23	912.035
22	912.037
22	912.045
7	913.000
7	913.005
28	915.000
28	915.001
28	915.004
31	915.500
31	915.501
31	915.502
31	915.503
29	916.000
29	916.001
29	916.002

Page	Art. no.
29	916.003
29	916.0039
29	916.004
29	916.0040
29	916.0041
29	916.0042
29	916.005
29	916.010
28	916.059
28	916.060
29	916.0601
28	916.061
29	916.0611
28	916.062
28	916.063
29	916.082
29	916.1129
72	917.000
72	917.001
75	917.002
74	917.003
75	917.005
74	917.006
75	917.007
75	917.008
91	917.009
91	917.010
81	917.011
89	917.012
88	917.018
88	917.019
82	917.021
84	917.022
85	917.023
86	917.024
83	917.026
83	917.027
83	917.028
84	917.030
89	917.031
74	917.032
74	917.033
84	917.035
85	917.036
88	917.037
74	917.038
75	917.039
91	917.040
91	917.041
80	917.045
90	917.046
90	917.047
75	917.051
75	917.052
90	917.056
112	917.056
72	917.057
49	917.060
90	917.060
72	917.061
72	917.062

Page	Art. no.
70	917.064
70	917.065
70	917.066
71	917.067
71	917.068
81	917.069
81	917.070
80	917.071
81	917.072
80	917.073
81	917.074
88	917.075
88	917.076
81	917.077
82	917.078
83	917.081
84	917.083
83	917.085
84	917.088
85	917.089
84	917.090
85	917.091
90	917.093
113	917.093
87	917.094
86	917.095
86	917.096
86	917.098
86	917.099
87	917.100
86	917.101
87	917.102
87	917.110
91	917.111
89	917.112
89	917.113
87	917.114
89	917.116
84	917.117
73	917.120
88	917.120
90	917.127
114	917.127
80	917.134
114	917.134
90	917.135
71	917.139
71	917.140
88	917.141
82	917.143
82	917.145
80	917.150
90	917.152
75	917.153
73	917.157
85	917.157
72	917.158
72	917.159
80	917.160
83	917.161
83	917.162

Page	Art. no.
85	917.163
85	917.164
86	917.165
91	917.166
91	917.167
70	917.168
70	917.169
88	917.182
82	917.183
47	918.001
21	918.002
128	918.003
114	918.006
128	918.006
114	918.007
128	918.007
114	918.008
128	918.008
115	918.009
128	918.009
130	918.010
130	918.011
130	918.012
130	918.013
130	918.014
129	918.015
129	918.016
129	918.017
129	918.018
129	918.019
129	918.020
130	918.021
130	918.022
114	918.023
130	918.024
61	918.025
73	918.033
128	918.033
73	918.034
128	918.034
73	918.035
73	918.040
82	918.040
74	918.045
115	918.066
128	918.066
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128	918.067
115	918.068
128	918.068
115	918.069
128	918.069
74	918.071
74	918.072
74	918.073
74	918.074
55	918.106
55	918.107
33	918.900
35	918.900
127	919.1000

Page	Art. no.
126	919.1100
126	919.1101
126	919.2000
126	919.2001
126	919.2002
126	919.2003
126	919.2004
126	919.2005
120	924.1016
122	924.1018
122	924.1038
122	924.1039
122	924.1040
121	924.1041
122	924.1046
120	924.4000
120	924.4001
120	924.4002
121	924.4003
121	924.4004
121	924.4005
121	924.4006
120	924.4009
123	924.5000
123	924.5001
123	924.5002
123	924.5003
123	924.6000
121	924.700
14	925.0022
14	925.0023
14	925.0034
14	925.0044
14	925.0047
14	925.0049
14	925.100
14	925.101
15	925.500
15	925.501
15	925.800
15	925.801
35	928.003
35	928.004
35	928.005
35	928.006
35	928.900
135	930.016
135	930.017
135	930.018
135	930.019
136	930.020
136	930.021
135	930.022
135	930.023
136	930.024
136	930.025
136	930.026
136	930.027
136	930.028
136	930.029
135	930.030

Page	Art. no.
135	930.031
135	930.032
135	930.033
137	930.034
137	930.035
137	930.036
137	930.044
137	930.045
135	930.049
135	930.050
136	930.051
137	930.054
137	930.057
135	930.058
135	930.059
138	930.060
138	930.061
138	930.062
138	930.063
138	930.064
138	930.065
136	930.090
136	930.091
136	930.092
137	930.093
137	930.094
137	930.095
137	930.096
137	930.097
136	930.098
136	930.099
136	930.100
47	930.120
136	930.137
137	930.138
137	930.139
73	930.143
137	930.160
137	930.161
137	930.162
137	930.163
137	930.164
137	930.165
136	930.166
47	930.180
47	930.182
47	930.183
139	930.900
139	930.901
139	930.902
139	930.903
139	930.904
139	930.905
139	930.906
139	930.907
139	930.908
139	930.909
139	930.910
139	930.911
33	931.000
33	931.001

Page	Art. no.
33	931.900
61	940.024
128	940.040
128	940.041
72	940.044
130	940.045
130	940.046
115	940.047
128	940.047
115	940.048
128	940.048
130	940.049
128	940.052
128	940.053
72	940.057
133	940.070
133	940.071
133	940.073
133	940.074
72	940.083
72	940.085
128	940.089
61	940.096
61	940.097
17	940.099
129	940.104
129	940.105
61	940.108
72	940.112

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